

SCORESHEET

stage: 1

fight (round no.): 4

room: 102

problem no.: 6

Juror name: Milan Smolk

reporter:

opponent:

reviewer:

signature: *[Signature]*

REPORTER

Start from 1 and add/subtract

5

REPORT						DISCUSSION WITH OPPONENT			ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	cooperation	relevant arguments/responses	flexibility/reactions	
0 — almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood	0 — almost no	too few	poor, slow reactions	0 — concise and correct or no questions asked 1 — some incorrect, inconclusive or too long -1 — some incorrect, inconclusive or too long -2 — deeply incorrect or show deep misconceptions
1 — some	some	some	some	reviewed sources, properly cited	partly	1 — was trying	some	could answer some questions	
2 — basic	basic	well performed	done, but not well fitting	some own	on average level	2 — satisfying	most	gave reasonable explanations	
3 — good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution	3 — productive	+ data/theory	+helped clear things out quickly	
4 — detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average	4 — very efficient	convincingly supported	+technical cooperation with team, very efficient	
5 — deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected				

NOTES:

OPPONENT

Start from 1 and add/subtract

4

OPPOSITION (SPEECH)						DISCUSSION WITH REPORTER					ANSWERS TO JURY and REVIEWER'S QUESTIONS
time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization		leading	cooperation	relevance of topics	own opinions presented	prioritisation	
0 — almost no	almost nothing	no or irrelevant	almost no	no		0 — almost no	almost no	irrelevant	very little	no	0 — concise and correct or no questions asked 1 — some incorrect, inconclusive or too long -1 — some incorrect, inconclusive or too long -2 — deeply incorrect or show deep misconceptions
1 — very little	some main points	few	some	almost no		1 — little	was trying	few	some	almost no	
2 — enough	main points	some	to most topics	some		2 — partial	satisfying	most	mostly correct	some	
3 — almost all	all relevant parts	almost all	to almost all topics	reasonable		3 — efficient	good	almost all	almost all correct	reasonable	
4 — all & efficiently	almost all parts	all	+ improvement suggestions	very good		4 — very efficient	very efficient	all	+ improvement suggestions	very good	

NOTES:

REVIEWER

Start from 1 and add/subtract

8

REVIEW OF REPORT						REVIEW OF OPPOSITION					ANSWERS TO JURY QUESTIONS
report summary	understanding of report	own opinions	pros & cons	prioritisation		speech summary	discussion analysis	own opinions	pros & cons	prioritisation	
0 — too few, mostly irrelevant	poor	too few	irrelevant	chaotic		0 — poor	almost no	too few	irrelevant	chaotic	0 — concise and correct or no questions asked 1 — some incorrect, inconclusive or too long -1 — some incorrect, inconclusive or too long -2 — deeply incorrect or show deep misconceptions
1 — some relevant, sufficient number, could clear things out	partially	some	partially relevant	present		1 — too short/long	too short/long	some	partially relevant	present	
2 — most time used, many unclear points resolved, aimed at both report and opp.	informative, apt	many	adequate	visible		2 — informative, apt	relevant parts	many	adequate	visible	
3 — +short, apt and clear, well prioritized time managed efficiently	brief but accurate	+ improvement suggestions	fully adequate	clear, intuitive		3 — brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive	

NOTES:

POSTOV

REPORTER

Start from 1 and add/subtract

4

SCORESHEET

stage: 1

reporter: POSTOVA

fight (round no.): 4

opponent:

room: 102

reviewer:

problem no.: 6

Juror name: MARTIN GARO

signature:

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
5	deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected

DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	almost no	too few	poor, slow reactions
1	was trying	some	could answer some questions
2	satisfying	most	gave reasonable explanations
3	productive	+ data/theory convincingly supported	+helped clear things out quickly
4	very efficient	proved deep understanding	+technical cooperation with team, very efficient

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

OPPONENT

Start from 1 and add/subtract

4

QUESTIONS ASKED

- 0 — almost no, irrelevant
- 1 — some relevant, aimed at resolving some unclear points
- 2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

REVIEWER

Start from 1 and add/subtract

7

QUESTIONS ASKED

- 0 — too few, mostly irrelevant
- 1 — some relevant, sufficient number, could clear things out
- 1.5 — most time used, many unclear points resolved, aimed at both report and opp.
- 2 — +short, apt and clear, well prioritized time managed efficiently

REVIEW OF REPORT

	report summary	understanding of report	own opinions	pros & cons	prioritisation
0	poor	poor	too few	irrelevant	chaotic
1	too short/long	partially	some	partially relevant	present
2	informative, apt	sufficient	many	adequate	visible
3	brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive

REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
2	informative, apt	relevant parts	many	adequate	visible
3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

$$1 + 1.5 + 2 + 1.5 =$$

gav.

SCORESHEET

stage: 1

fight (round no.): 4

room: 102

problem no.: 6

Juror name: PETER MATAK

reporter: POŠTOVA'

opponent: ŠROBAROVA

reviewer: BAJKALSKA' (1SG)

signature: P. Matak

REPORTER

Start from 1 and add/subtract



REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
5	deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected

DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	almost no	too few	poor, slow reactions could answer some questions
1	was trying	some	gave reasonable explanations
2	satisfying	most	+helped clear things out quickly
3	productive	+ data/theory convincingly supported	+technical cooperation with team, very efficient
4	very efficient	proved deep understanding	

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

OPPONENT

Start from 1 and add/subtract



QUESTIONS ASKED

- 0 — almost no, irrelevant
- 1 — some relevant, aimed at resolving some unclear points
- 2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	all & efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

REVIEWER

Start from 1 and add/subtract



QUESTIONS ASKED

- 0 — too few, mostly irrelevant
- 1 — some relevant, sufficient number, could clear things out
- 2 — most time used, many unclear points resolved, aimed at both report and opp.
- 3 — +short, apt and clear, well prioritized time managed efficiently

REVIEW OF REPORT

	report summary	understanding of report	own opinions	pros & cons	prioritisation
0	poor	poor	too few	irrelevant	chaotic
1	too short/long	partially	some	partially relevant	present
2	informative, apt	sufficient	many	adequate	visible
3	brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive

REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
2	informative, apt	relevant parts	many	adequate	visible
3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

SCORESHEET

stage: 1

fight (round no.): 4

room: 102

problem no.: 6

Juror name: Martin Chudjoh

reporter:

opponent:

reviewer:

signature: *Chudjoh*

REPORTER

Start from 1 and add/subtract

6

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
5	deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected

DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	almost no	too few	poor, slow reactions
1	was trying	some	could answer some questions
2	satisfying	most	gave reasonable explanations
3	productive	+ data/theory convincingly supported	+helped clear things out quickly
4	very efficient	proved deep understanding	+technical cooperation with team, very efficient

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

7+4+3-2

OPPONENT

Start from 1 and add/subtract

7

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	all & efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

REVIEWER

Start from 1 and add/subtract

9

	QUESTIONS ASKED
0	too few, mostly irrelevant
1	some relevant, sufficient number, could clear things out
2	most time used, many unclear points resolved, aimed at both report and opp.
3	+short, apt and clear, well prioritized time managed efficiently

REVIEW OF REPORT

	report summary	understanding of report	own opinions	pros & cons	prioritisation
0	poor	poor	too few	irrelevant	chaotic
1	too short/long	partially	some	partially relevant	present
2	informative, apt	sufficient	many	adequate	visible
3	brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive

REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
2	informative, apt	relevant parts	many	adequate	visible
3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

SCORESHEET

stage: 1

fight (round no.): 6

room: 102

problem no.: 102

Juror name: P. R. SCH

reporter: Samoon

opponent:

reviewer:

signature: [Signature]

REPORTER

Start from 1 and add/subtract

5

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
5	deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected

DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	almost no	too few	poor, slow reactions
1	was trying	some	could answer some questions
2	satisfying	most	gave reasonable explanations
3	productive	+ data/theory convincingly supported	+helped clear things out quickly
4	very efficient	proved deep understanding	+technical cooperation with team, very efficient

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

T-E result

$$14 \cdot 2.75 + 2.1 - 6 - 1 = 5$$

OPPONENT

Start from 1 and add/subtract

5

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	all & efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

Vp2y0

m = Inc parameter?

Vadindant - type ok sek

$$1 + 1 + 1.5 + 2 = 5.5$$

REVIEWER

Start from 1 and add/subtract

8

	QUESTIONS ASKED
0	too few, mostly irrelevant
1	some relevant, sufficient number, could clear things out
2	most time used, many unclear points resolved, aimed at both report and opp.
3	+short, apt and clear, well prioritized time managed efficiently

REVIEW OF REPORT

	report summary	understanding of report	own opinions	pros & cons	prioritisation
0	poor	poor	too few	irrelevant	chaotic
1	too short/long	partially	some	partially relevant	present
2	informative, apt	sufficient	many	adequate	visible
3	brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive

REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
2	informative, apt	relevant parts	many	adequate	visible
3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

$$1 + 3 + 2 + 1 + 1.5 = 8.5$$

SCORESHEET

stage: 2

fight (round no.): 4

room: 102

problem no.: 9

Juror name: Milon Smol/K

reporter:

opponent:

reviewer:

signature: Yrull

REPORTER

Start from 1 and add/subtract

3

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
5	deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected

DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	-almost no	too few	poor, slow reactions could answer some questions
1	was trying	some	gave reasonable explanations
2	satisfying	most	+helped clear things out quickly
3	productive	+ data/theory convincingly supported	+technical cooperation with team, very efficient
4	very efficient	proved deep understanding	

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

OPPONENT

Start from 1 and add/subtract

7

QUESTIONS ASKED

- 0 — almost no, irrelevant
- 1 — some relevant, aimed at resolving some unclear points
- 2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	all & efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	+ mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

REVIEWER

Start from 1 and add/subtract

6

QUESTIONS ASKED

- 0 — too few, mostly irrelevant
- 1 — some relevant, sufficient number, could clear things out
- 2 — most time used, many unclear points resolved, aimed at both report and opp.
- 3 — +short, apt and clear, well prioritized time managed efficiently

REVIEW OF REPORT

	report summary	understanding of report	own opinions	pros & cons	prioritisation
0	poor	poor	too few	irrelevant	chaotic
1	too short/long	partially	some	partially relevant	present
2	informative, apt	sufficient	many	adequate	visible
3	brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive

REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
2	informative, apt	relevant parts	many	adequate	visible
3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

SCORESHEET

stage: 2

fight (round no.): 4

room: 102

problem no.: 9

Juror name: MARTIN GAZO

reporter:

opponent:

reviewer:

signature:

REPORTER

2

Start from 1 and add/subtract

REPORT

phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0 — almost no	0 — almost no	0 — too few	0 — no/ almost no	0 — others data, incorrectly cited	0 — misunderstood
1 — some	1 — some	1 — some	1 — some	1 — reviewed sources, properly cited	1 — partly
2 — basic	2 — basic	2 — well performed	2 — done, but not well fitting	2 — some own relevant	2 — on average level
3 — good but not so demonstrative	3 — detailed, correct	3 — quite a lot, errors analysed	3 — + explained	3 —	3 — convincing solution
4 — detailed, good, demonstrative	4 — +good testable predictions	4 — + results explained and analysed	4 — well fitting, deviations analysed	4 — considerable experimental or theoretical	4 — some parts better than average
5 — deep and comprehensible, shows physical insight	5 — detailed, complex, completely testable	5 — + totally reliable, reproducible	5 — perfect correlation, very conclusive	5 — considerable experimental and theoretical	5 — grater extent than expected

DISCUSSION WITH OPPONENT

cooperation	relevant arguments/responses	flexibility/reactions
0 — almost no	0 — too few	0 — poor, slow reactions
1 — was trying	1 — some	1 — could answer some questions
2 — satisfying	2 — most	2 — gave reasonable explanations
3 — productive	3 — + data/theory convincingly supported	3 — +helped clear things out quickly
4 — very efficient	4 — proved deep understanding	4 — +technical cooperation with team, very efficient

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

do the pivot

OPPONENT

Start from 1 and add/subtract

5

QUESTIONS ASKED

- 0 — almost no, irrelevant
- 1 — some relevant, aimed at resolving some unclear points
- 2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0 — almost no	0 — almost nothing	0 — no or irrelevant	0 — almost no	0 — no
1 — very little	1 — some main points	1 — few	1 — some	1 — almost no
2 — enough	2 — main points	2 — some	2 — to most topics	2 — some
3 — almost all	3 — all relevant parts	3 — almost all	3 — to almost all topics	3 — reasonable
4 — all & efficiently	4 — almost all parts	4 — all	4 — + improvement suggestions	4 — very good

DISCUSSION WITH REPORTER

leading	cooperation	relevance of topics	own opinions presented	prioritisation
0 — almost no	0 — almost no	0 — irrelevant	0 — very little	0 — no
1 — little	1 — was trying	1 — few	1 — some	1 — almost no
2 — partial	2 — satisfying	2 — most	2 — mostly correct	2 — some
3 — efficient	3 — good	3 — almost all	3 — almost all correct	3 — reasonable
4 — very efficient	4 — very efficient	4 — all	4 — + improvement suggestions	4 — very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

2

1.5

REVIEWER

Start from 1 and add/subtract

4

QUESTIONS ASKED

- 0 — too few, mostly irrelevant
- 1 — some relevant, sufficient number, could clear things out
- 2 — most time used, many unclear points resolved, aimed at both report and opp.
- 3 — +short, apt and clear, well prioritized time managed efficiently

REVIEW OF REPORT

report summary	understanding of report	own opinions	pros & cons	prioritisation
0 — poor	0 — poor	0 — too few	0 — irrelevant	0 — chaotic
1 — too short/long	1 — partially	1 — some	1 — partially relevant	1 — present
2 — informative, apt	2 — sufficient	2 — many	2 — adequate	2 — visible
3 — brief but accurate	3 — detailed, complex	3 — + improvement suggestions	3 — fully adequate	3 — clear, intuitive

REVIEW OF OPPOSITION

speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0 — poor	0 — almost no	0 — too few	0 — irrelevant	0 — chaotic
1 — too short/long	1 — too short/long	1 — some	1 — partially relevant	1 — present
2 — informative, apt	2 — relevant parts	2 — many	2 — adequate	2 — visible
3 — brief but accurate	3 — accurate, conclusive	3 — + improvement suggestions	3 — fully adequate	3 — clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

1

0.5

SCORESHEET

stage: 2

fight (round no.): 4

room: 102

problem no.: 9

Juror name: PETER MATAK

reporter: ŠROBAROVA

opponent: 1SG

reviewer: FOSTOVA

signature: P. Matak

REPORTER

Start from 1 and add/subtract

5

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
5	deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected

DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	almost no	too few	poor, slow reactions
1	was trying	some	could answer some questions
2	satisfying	most	gave reasonable explanations
3	productive	+ data/theory convincingly supported	+helped clear things out quickly
4	very efficient	proved deep understanding	+technical cooperation with team, very efficient

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

OPPONENT

Start from 1 and add/subtract

4

QUESTIONS ASKED

- 0 — almost no, irrelevant
- 1 — some relevant, aimed at resolving some unclear points
- 2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	all & efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

REVIEWER

Start from 1 and add/subtract

6

QUESTIONS ASKED

- 0 — too few, mostly irrelevant
- 1 — some relevant, sufficient number, could clear things out
- 2 — most time used, many unclear points resolved, aimed at both report and opp.
- 3 — +short, apt and clear, well prioritized time managed efficiently

REVIEW OF REPORT

	report summary	understanding of report	own opinions	pros & cons	prioritisation
0	poor	poor	too few	irrelevant	chaotic
1	too short/long	partially	some	partially relevant	present
2	informative, apt	sufficient	many	adequate	visible
3	brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive

REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
2	informative, apt	relevant parts	many	adequate	visible
3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

SCORESHEET

stage: 2
reporter:

fight (round no.): 4
opponent:

room: 102
reviewer:

problem no.: 9

Juror name: Martin Chudoh
signature: [Signature]

REPORTER

Start from 1 and add/subtract

4

REPORT						DISCUSSION WITH OPPONENT			ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	cooperation	relevant arguments/responses	flexibility/reactions	
0 almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood	0 almost no	too few	poor, slow reactions	0 concise and correct or no questions asked -1 some incorrect, inconclusive or too long -2 deeply incorrect or show deep misconceptions
1 some	some	some	some	reviewed sources, properly cited	partly	1 was trying	some	could answer some questions	
2 basic	basic	well performed	done, but not well fitting	some own	on average level	2 satisfying	most	gave reasonable explanations	
3 good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution	3 productive	+ data/theory convincingly supported	+helped clear things out quickly	
4 detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average	4 very efficient	proved deep understanding	+technical cooperation with team, very efficient	
5 deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected				

NOTES:

OPPONENT

Start from 1 and add/subtract

4

OPPOSITION (SPEECH)						DISCUSSION WITH REPORTER					ANSWERS TO JURY and REVIEWER'S QUESTIONS
time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization		leading	cooperation	relevance of topics	own opinions presented	prioritisation	
0 almost no	almost nothing	no or irrelevant	almost no	no		0 almost no	almost no	irrelevant	very little	no	0 concise and correct or no questions asked -1 some incorrect, inconclusive or too long -2 deeply incorrect or show deep misconceptions
1 very little	some main points	few	some	almost no		1 little	was trying	few	some	almost no	
2 enough	main points	some	to most topics	some		2 partial	satisfying	most	mostly correct	some	
3 all &	all relevant parts	almost all	to almost all topics	reasonable		3 efficient	good	almost all	almost all correct	reasonable	
4 efficiently	almost all parts	all	+ improvement suggestions	very good		4 very efficient	very efficient	all	+ improvement suggestions	very good	

NOTES:

REVIEWER

Start from 1 and add/subtract

8

REVIEW OF REPORT						REVIEW OF OPPOSITION					ANSWERS TO JURY QUESTIONS
report summary	understanding of report	own opinions	pros & cons	prioritisation		speech summary	discussion analysis	own opinions	pros & cons	prioritisation	
0 poor	poor	too few	irrelevant	chaotic		0 poor	almost no	too few	irrelevant	chaotic	0 concise and correct or no questions asked -1 some incorrect, inconclusive or too long -2 deeply incorrect or show deep misconceptions
1 too short/long	partially	some	partially relevant	present		1 too short/long	too short/long	some	partially relevant	present	
2 informative, apt	sufficient	many	adequate	visible		2 informative, apt	relevant parts	many	adequate	visible	
3 brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive		3 brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive	

NOTES:

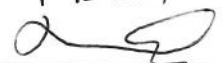
SCORESHEET

stage: 2
reporter:

fight (round no.): 4
opponent:

room: 102
reviewer:

problem no.: 9

Juror name: PLZ SCH
signature: 

REPORTER

Start from 1 and add/subtract

3

REPORT						DISCUSSION WITH OPPONENT			ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	cooperation	relevant arguments/responses	flexibility/reactions	
0 almost no	almost no	too few	no/ almost no	others data, incorrectly cited	<u>misunderstood</u>	0 almost no	too few	poor, slow reactions	0 concise and correct or no questions asked 1 some incorrect, inconclusive or too long -1 some incorrect, inconclusive or too long -2 deeply incorrect or show deep misconceptions
1 some	some	some	some	reviewed sources, properly cited	partly	1 was trying	some	could answer some questions	
2 basic	basic	well performed	done, but not well fitting	some own	on average level	2 satisfying	most	gave reasonable explanations	
3 good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution	3 productive	+ data/theory convincingly supported	+helped clear things out quickly	
4 detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average	4 very efficient	proved deep understanding	+technical cooperation with team, very efficient	
5 deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected				

NOTES:

3 balls
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OPPONENT

Start from 1 and add/subtract

5

OPPOSITION (SPEECH)						DISCUSSION WITH REPORTER					ANSWERS TO JURY and REVIEWER'S QUESTIONS
time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization		leading	cooperation	relevance of topics	own opinions presented	prioritisation	
0 almost no	almost nothing	no or irrelevant	almost no	no		0 almost no	almost no	irrelevant	very little	no	0 concise and correct or no questions asked 1 some incorrect, inconclusive or too long -1 some incorrect, inconclusive or too long -2 deeply incorrect or show deep misconceptions
1 very little	some main points	few	some	almost no		1 little	was trying	few	some	almost no	
2 enough	main points	some	to most topics	some		2 partial	satisfying	most	mostly correct	some	
3 almost all	all relevant parts	almost all	to almost all topics	reasonable		3 efficient	good	almost all	almost all correct	reasonable	
4 all & efficiently	almost all parts	all	+ improvement suggestions	very good		4 very efficient	very efficient	all	+ improvement suggestions	very good	

NOTES:

15
1 + 1,5 + 1,75 - 1 = 5

REVIEWER

Start from 1 and add/subtract

4

REVIEW OF REPORT						REVIEW OF OPPOSITION					ANSWERS TO JURY QUESTIONS
report summary	understanding of report	own opinions	pros & cons	prioritisation		speech summary	discussion analysis	own opinions	pros & cons	prioritisation	
0 poor	poor	too few	irrelevant	chaotic		0 poor	almost no	too few	irrelevant	chaotic	0 concise and correct or no questions asked 1 some incorrect, inconclusive or too long -1 some incorrect, inconclusive or too long -2 deeply incorrect or show deep misconceptions
1 too short/long	partially	some	partially relevant	present		1 too short/long	too short/long	some	partially relevant	present	
2 informative, apt	sufficient	many	adequate	visible		2 informative, apt	relevant parts	many	adequate	visible	
3 brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive		3 brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive	

NOTES:

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SCORESHEET

stage: 3

fight (round no.): 4

room: 102

problem no.: 16

Juror name: Milon Smolik

reporter:

opponent:

reviewer:

signature: [Signature]

REPORTER

Start from 1 and add/subtract

3

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
5	deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected

DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	almost no	too few	poor, slow reactions
1	was trying	some	could answer some questions
2	satisfying	most	gave reasonable explanations
3	productive	+ data/theory convincingly supported	+helped clear things out quickly
4	very efficient	proved deep understanding	+technical cooperation with team, very efficient

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

OPPONENT

Start from 1 and add/subtract

5

QUESTIONS ASKED

- 0 — almost no, irrelevant
- 1 — some relevant, aimed at resolving some unclear points
- 2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	all & efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

REVIEWER

Start from 1 and add/subtract

4

QUESTIONS ASKED

- 0 — too few, mostly irrelevant
- 1 — some relevant, sufficient number, could clear things out
- 2 — most time used, many unclear points resolved, aimed at both report and opp.
- 3 — +short, apt and clear, well prioritized time managed efficiently

REVIEW OF REPORT

	report summary	understanding of report	own opinions	pros & cons	prioritisation
0	poor	poor	too few	irrelevant	chaotic
1	too short/long	partially	some	partially relevant	present
2	informative, apt	sufficient	many	adequate	visible
3	brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive

REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
2	informative, apt	relevant parts	many	adequate	visible
3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

(1.56)

SCORESHEET

stage: 3
reporter: 1.56fight (round no.): 6
opponent:room: 102
reviewer:

problem no.: 16

Juror name: MARTIN GARO
signature:

REPORTER

Start from 1 and add/subtract

4

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own relevant	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained		convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
5	deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected
6						

DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	almost no	too few	poor, slow reactions could answer some questions
1	was trying	some	gave reasonable explanations
2	satisfying	most	+helped clear things out quickly
3	productive	convincingly supported	+technical cooperation with team, very efficient
4	very efficient	proved deep understanding	

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES: missed some parameters "1.56"

$$1.5 = 1 + 1 =$$

OPPONENT

Start from 1 and add/subtract

5

QUESTIONS ASKED

- 0 — almost no, irrelevant
- 1 — some relevant, aimed at resolving some unclear points
- 2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little enough	some main points	few	some	almost no
2	almost all	main points	some	to most topics	some
3	all & efficiently	all relevant parts	almost all	to almost all topics	reasonable
4		all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

$$1.5 = 1.5 + 2$$

6 min → theory

REVIEWER

Start from 1 and add/subtract

5

QUESTIONS ASKED

- 0 — too few, mostly irrelevant
- 1 — some relevant, sufficient number, could clear things out
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REVIEW OF REPORT

	report summary	understanding of report	own opinions	pros & cons	prioritisation
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REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
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3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

SCORESHEET

REPORTER

Start from 1 and add/subtract

6

stage: 3

reporter: 159

fight (round no.): 4

opponent: POŠTOVA'

room: 102

reviewer: ŠROBA'ROVA

problem no.: 16

Juror name: PETER MATÁK

signature: P. Maták

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
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	cooperation	relevant arguments/responses	flexibility/reactions
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ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

OPPONENT

Start from 1 and add/subtract

6

QUESTIONS ASKED

- 0 — almost no, irrelevant
- 1 — some relevant, aimed at resolving some unclear points
- 2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
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3	efficient	good	almost all	almost all correct	reasonable
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ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
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NOTES:

REVIEWER

Start from 1 and add/subtract

6

QUESTIONS ASKED

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	report summary	understanding of report	own opinions	pros & cons	prioritisation
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1	too short/long	partially	some	partially relevant	present
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REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
2	informative, apt	relevant parts	many	adequate	visible
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ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
- 1 — some incorrect, inconclusive or too long
- 2 — deeply incorrect or show deep misconceptions

NOTES:

SCORESHEET

stage: 3
reporter:

fight (round no.): 4
opponent:

room: 102
reviewer:

problem no.: 15

Juror name: Martin Chudfalk
signature:

REPORTER

Start from 1 and add/subtract

5

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
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DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	almost no	too few	poor, slow reactions
1	was trying	some	could answer some questions
2	satisfying	most	gave reasonable explanations
3	productive	+ data/theory convincingly supported	+helped clear things out quickly
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ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
-1 — some incorrect, inconclusive or too long
-2 — deeply incorrect or show deep misconceptions

NOTES:

OPPONENT

Start from 1 and add/subtract

6

QUESTIONS ASKED

- 0 — almost no, irrelevant
1 — some relevant, aimed at resolving some unclear points
2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	all & efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
-1 — some incorrect, inconclusive or too long
-2 — deeply incorrect or show deep misconceptions

NOTES:

REVIEWER

Start from 1 and add/subtract

6

QUESTIONS ASKED

- 0 — too few, mostly irrelevant
1 — some relevant, sufficient number, could clear things out
2 — most time used, many unclear points resolved, aimed at both report and opp.
3 — +short, apt and clear, well prioritized time managed efficiently

REVIEW OF REPORT

	report summary	understanding of report	own opinions	pros & cons	prioritisation
0	poor	poor	too few	irrelevant	chaotic
1	too short/long	partially	some	partially relevant	present
2	informative, apt	sufficient	many	adequate	visible
3	brief but accurate	detailed, complex	+ improvement suggestions	fully adequate	clear, intuitive

REVIEW OF OPPOSITION

	speech summary	discussion analysis	own opinions	pros & cons	prioritisation
0	poor	almost no	too few	irrelevant	chaotic
1	too short/long	too short/long	some	partially relevant	present
2	informative, apt	relevant parts	many	adequate	visible
3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	clear, intuitive

ANSWERS TO JURY QUESTIONS

- 0 — concise and correct or no questions asked
-1 — some incorrect, inconclusive or too long
-2 — deeply incorrect or show deep misconceptions

NOTES:

SCORESHEET

stage: 3
reporter:

fight (round no.): 4
opponent:

room: 102
reviewer:

problem no.: 16

Juror name: PLESCU
signature:

REPORTER

Start from 1 and add/subtract

3

REPORT

	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment
0	almost no	almost no	too few	no/ almost no	others data, incorrectly cited	misunderstood
1	some	some	some	some	reviewed sources, properly cited	partly
2	basic	basic	well performed	done, but not well fitting	some own	on average level
3	good but not so demonstrative	detailed, correct	quite a lot, errors analysed	+ explained	relevant	convincing solution
4	detailed, good, demonstrative	+good testable predictions	+ results explained and analysed	well fitting, deviations analysed	considerable experimental or theoretical	some parts better than average
5	deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ totally reliable, reproducible	perfect correlation, very conclusive	considerable experimental and theoretical	grater extent than expected

DISCUSSION WITH OPPONENT

	cooperation	relevant arguments/responses	flexibility/reactions
0	almost no	too few	poor, slow reactions
1	was trying	some	could answer some questions
2	satisfying	most	gave reasonable explanations
3	productive	+ data/theory convincingly supported	+helped clear things out quickly
4	very efficient	proved deep understanding	+technical cooperation with team, very efficient

ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS

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NOTES:

1+1+1=3

OPPONENT

Start from 1 and add/subtract

6

QUESTIONS ASKED

- 0 — almost no, irrelevant
1 — some relevant, aimed at resolving some unclear points
2 — short allowing short answers, prioritized, all time used

OPPOSITION (SPEECH)

	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritization
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	enough	main points	some	to most topics	some
3	almost all	all relevant parts	almost all	to almost all topics	reasonable
4	all & efficiently	almost all parts	all	+ improvement suggestions	very good

DISCUSSION WITH REPORTER

	leading	cooperation	relevance of topics	own opinions presented	prioritisation
0	almost no	almost no	irrelevant	very little	no
1	little	was trying	few	some	almost no
2	partial	satisfying	most	mostly correct	some
3	efficient	good	almost all	almost all correct	reasonable
4	very efficient	very efficient	all	+ improvement suggestions	very good

ANSWERS TO JURY and REVIEWER'S QUESTIONS

- 0 — concise and correct or no questions asked
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NOTES:

T-E comparison, ipase plade Nedistatje def. synchronizic 1+1+1+2.5=6
precu sa sincronizatiu?

REVIEWER

Start from 1 and add/subtract

5

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ANSWERS TO JURY QUESTIONS

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NOTES:

Peranie frecvenice → presnot? Podlozk
nervozit ex 1+1+1+1.5=5