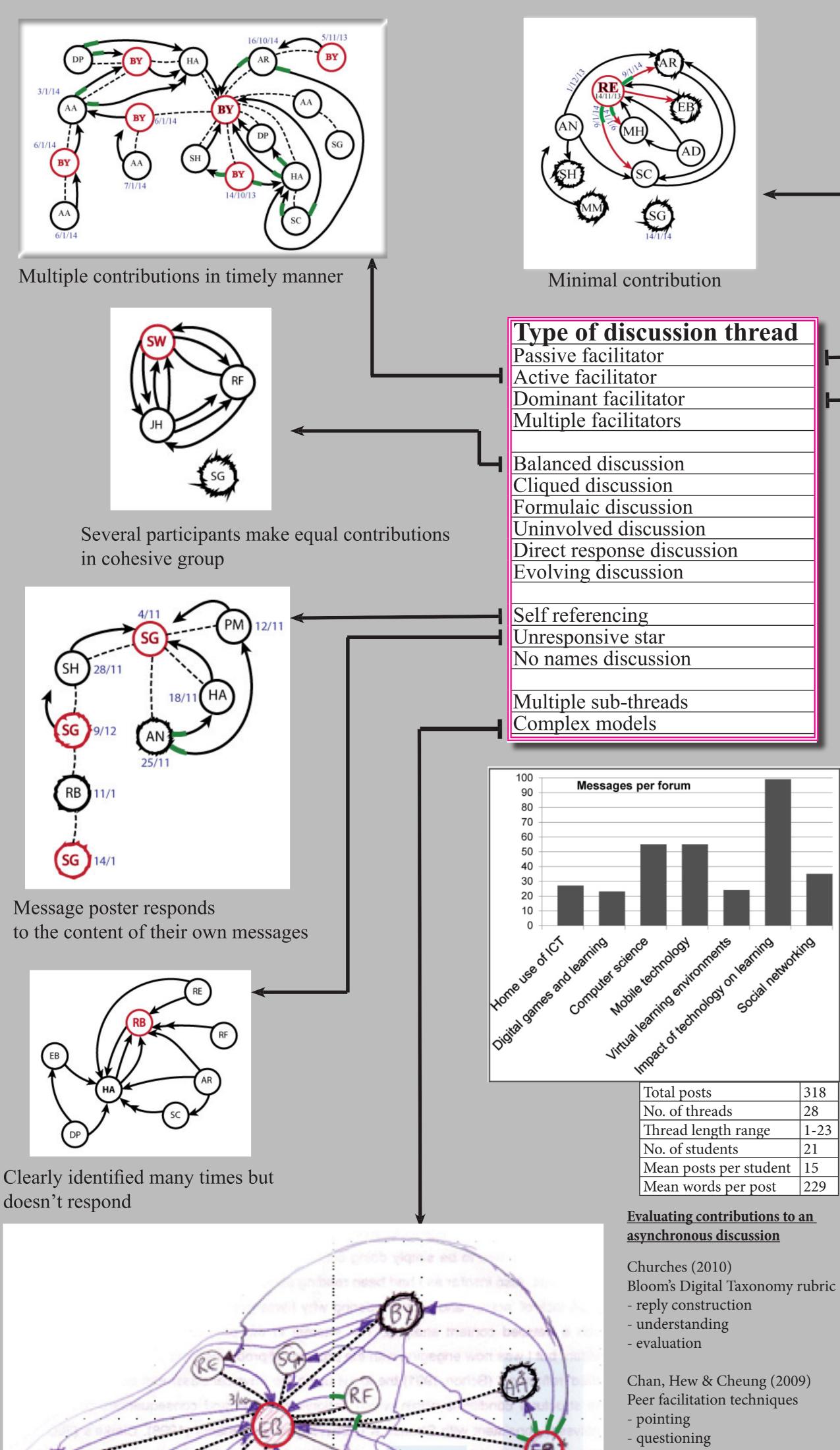
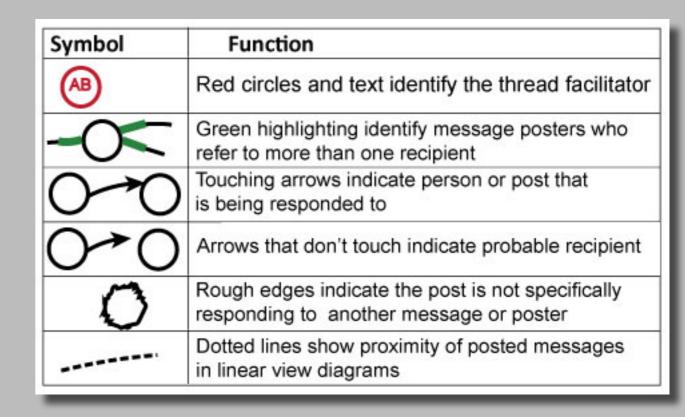
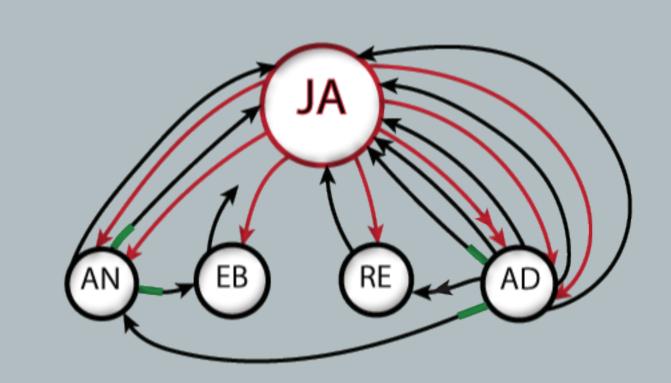
Categorising asynchronous discussion threads: improving the quality of student learning

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The dominant facilitator



JA	AN	EB	RE	AD
Number of contributions				
8	2	1	1	5
Number of times clearly identified				
8	3	2	3	3
Number of times refers to someone				
7	3	*	1	7

Forum: Computer science

<u>Thread:</u> Which programming languages should be taught in secondary schools and why?

- Very few participants (5) though with multiple messages exchanged between facilitator and separate message posters
- Facilitator responded to every message
- All messages were directed at the facilitator
- 11 of the 17 messages contained at least one reference or hyperlink most contained several
- Analysis of the content provides evidence that participants read at least some of the cited texts
- -Average message length: 265 words; range 156-410 words
- 5 of the 6 messages that contained at least one question were asked by the facilitator

S1: "[As I posted the first message and therefore had the facilitator role], I believe it was my responsibility to respond to each post and assist with moving the discussion forward."

S2: "On the whole for every participant commenting on this thread I made sure I replied back and tried to include a question for them to think about and research. This way I hoped they would return with their viewpoint to carry on the discussion."

- resolving
- summarising

Golanics & Nussbaum (2007) Enhancing online discussion - collaborative argumentation - adversarial argumentation - exploratory discourse

Jimoyiannis & Angelina (2012) Social network analysis

- cohesion
- role analysis
- centrality

Previous research:

Barnett, A (2011) Blended learning: Evaluation of the WebCT Blackboard Virtual Learning Environment in relation to asynchronous discussion and student assignments. Worcester Journal of Learning and Teaching, (6) 2-12 (Also online: http://www.worc.ac.uk/adpu/1124.htm)