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Managing Massive Multiplayer Online Games
SoSe 2018

Exercise Sheet 11: ELO Scores

Discussion: July 27th, 2018

Exercise 11-1   *ELO Scores*

On a player vs player competition ELO Ranking is used to rate the players. Assume $\alpha = 0.07$ and $\beta = 500$. The following players and their ELO Scores are given:

- Player1: 1000

- Player2: 1200

- Player3: 800

During the competition the following outcomes occur in the given order:

- 1 beats 3

- 2 beats 1

- 3 beats 2

(a) Calculate the ELO Scores at the end of the competition.

(b) Would the ELO Scores differ, if the order of the matches were 2 vs 3, 1 vs 3, 1 vs 2 but with the same results?