

ON KRAUSE'S MODEL OF OPINION DYNAMICS ON DISCRETE TIME
SCALES

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We analyze bounded confidence models on time scales. In such models each agent takes into account only the assessments of the agents whose opinions are not too far away from his own opinion. We prove a convergence into clusters of agents, with all agents in the same cluster having the same opinion. Necessary and sufficient conditions for reaching a consensus are given. Simulations are performed to validate the theoretical results.
