

Equilibrium in Mathematics

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Nash equilibrium was proposed in [1]. It is about n people existing in equilibrium when their highest possible expectation is met by their strategies. This paper proposes another equilibrium but by using a simple concept of **order**. I propose that for equilibrium to exist in groups such as city, state and country, the expectations of groups should be met in **order**. That is, expectations should be met in order of constituting. This is because, the equilibrium of the parts coming before together is the equilibrium of the parts coming later. Example of this equilibrium could be found in class of students. Equilibrium of all the students in the class together is the equilibrium of the class. Another example could be found in building of a house. Equilibrium of all the parts of the house together is the equilibrium of the house.

References

1. Nash Jr, J. F. (1950). Equilibrium points in n -person games. *Proceedings of the national academy of sciences*, 36(1), 48-49.