Optimal Stopping Games

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Basic results on optimal stopping games for Markov process will be presented. Topics to be considered include:

1. Optimal stopping problems
2. The Wald–Bellman equations
3. Superharmonic characterization
4. Principles of smooth and continuous fit
5. Free boundary problems
6. Optimal stopping games
7. The extended Wald–Bellman equations
8. Semiharmonic characterization
9. Stackelberg equilibrium
10. Nash equilibrium
11. Double obstacle problems
12. Local time-space calculus
13. Examples and applications