



























"Bounciness" (or impact elasticity)
[notes]

Elastic impact: no energy lost
How is energy lost, in reality? (examples)
objects get damaged, heat is produced, sounds are emitted

"Bounciness":

(made-up) property of physical objects in games
It models the behavior of the object under impacts, as a mix between the two "pure" behaviors above
Associated by designers to all virtual objects in the game

Note: that's not how real stuff works!

not even for the two extremes
it's an approximation (especially for mixed bounciness)
Remember: we are just aiming at *plausibility*













3D Video Games 06: Game Physics - Collisions 1















