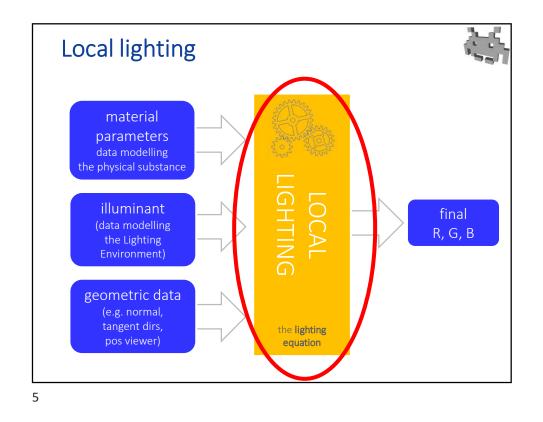
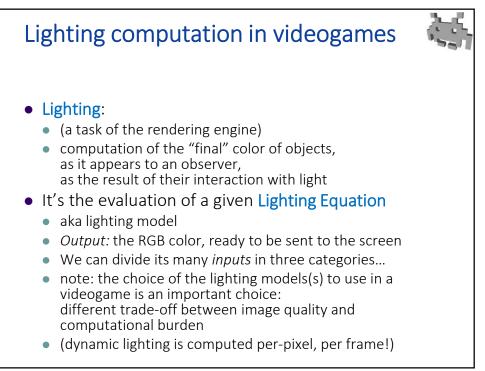
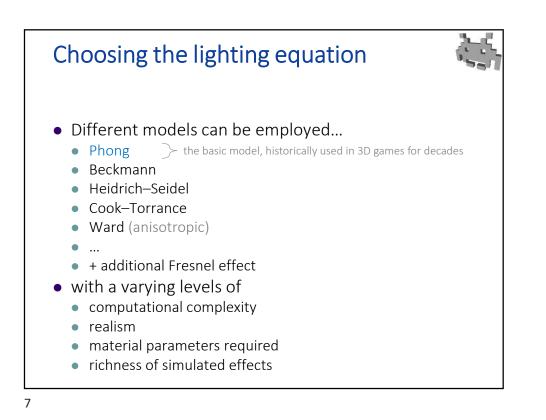
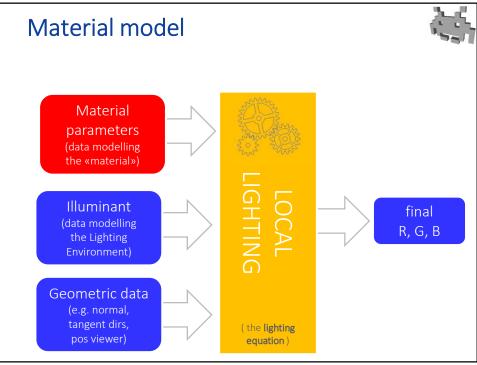


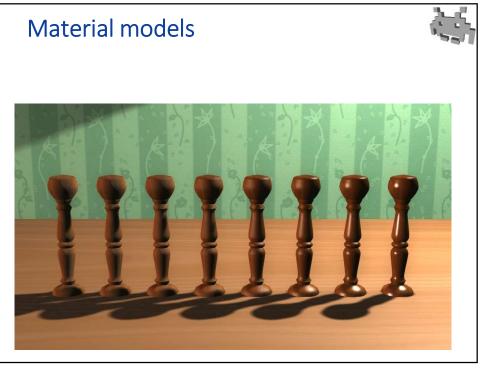
Marco Tarini Università degli Studi di Milano

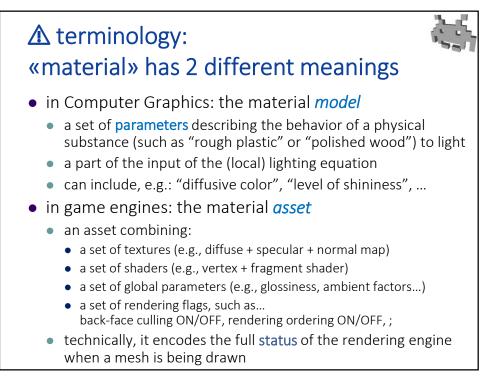


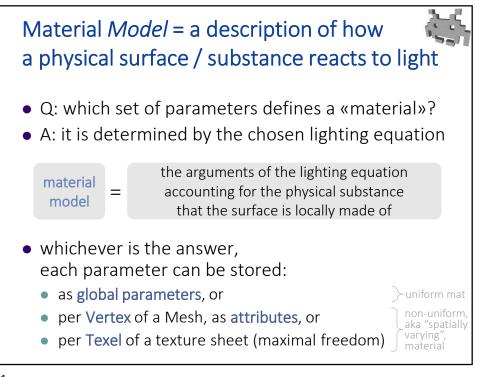


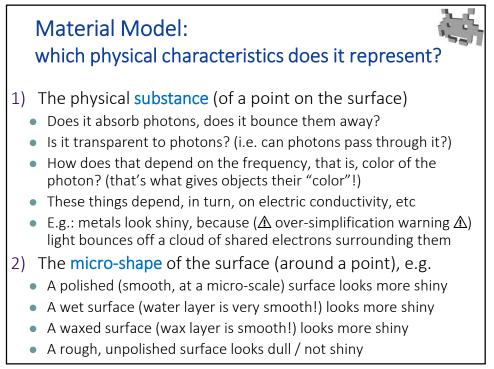


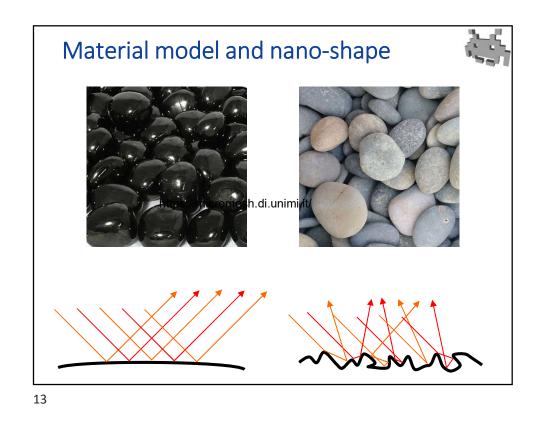


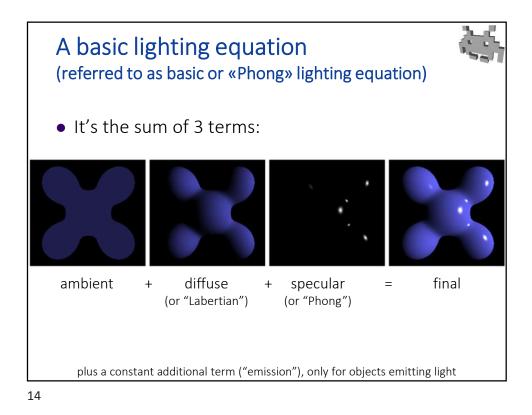


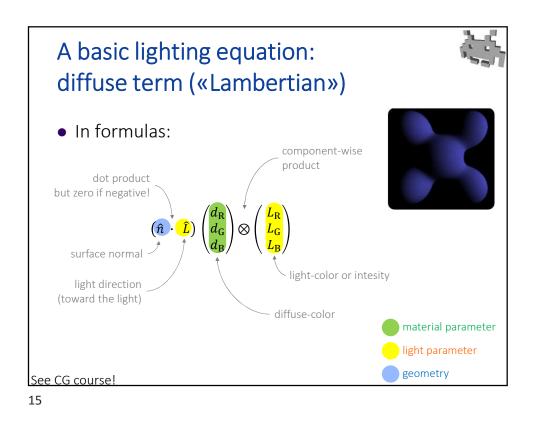


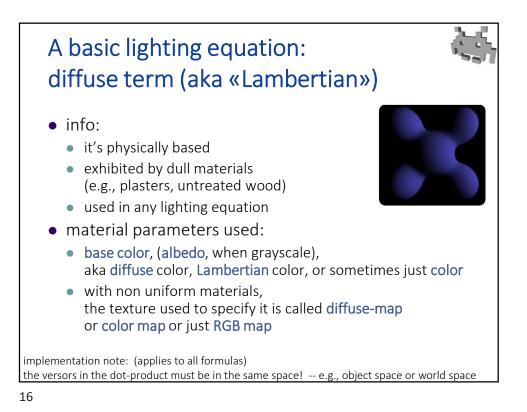


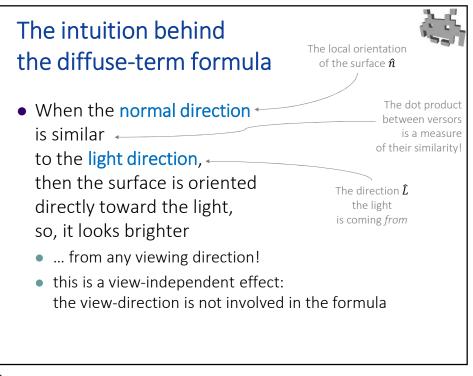


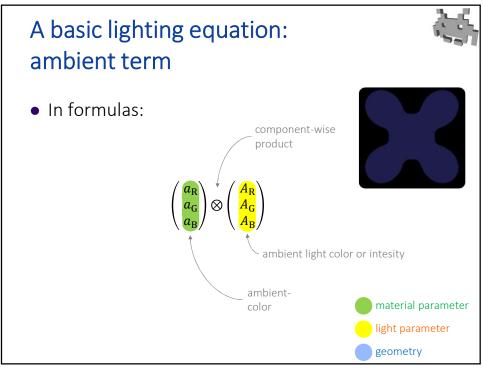


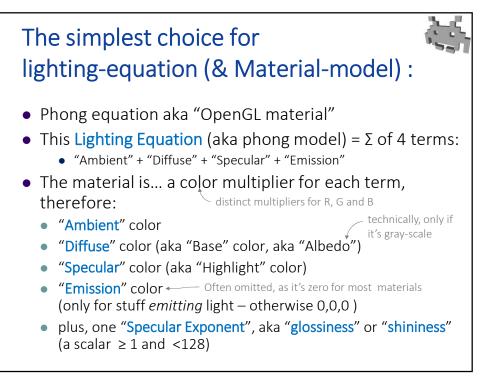


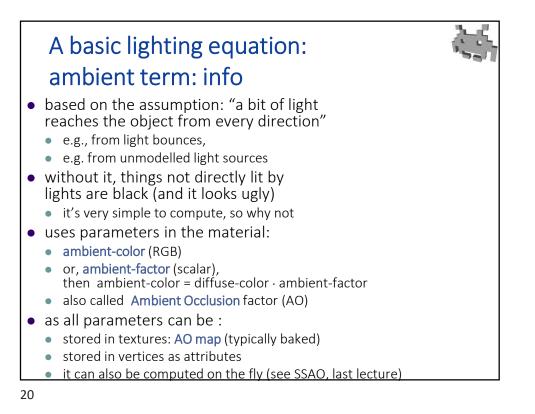


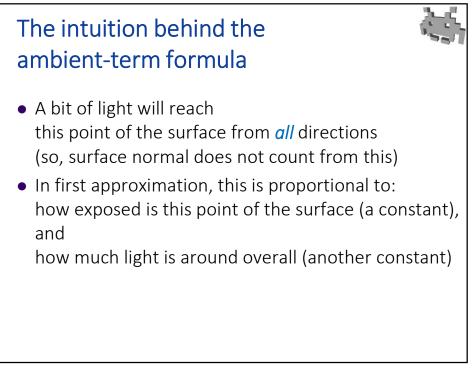


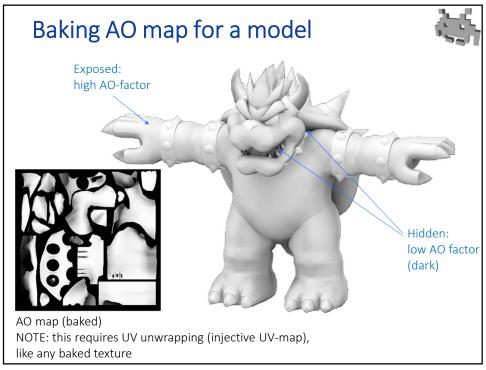


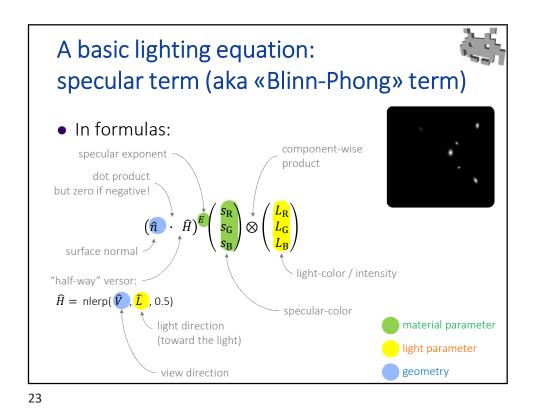


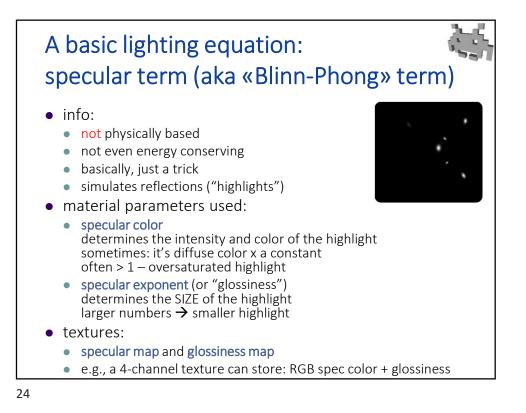


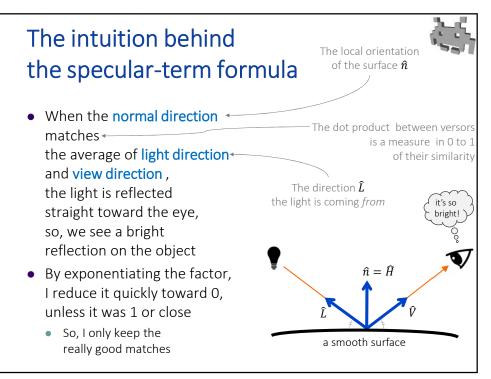


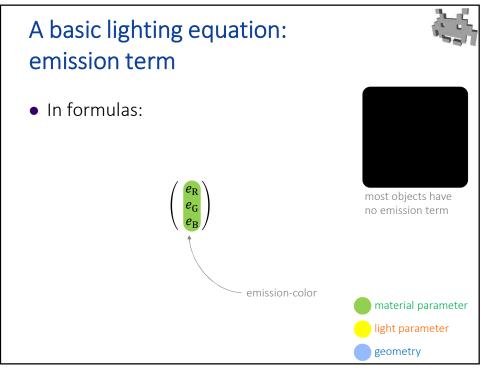


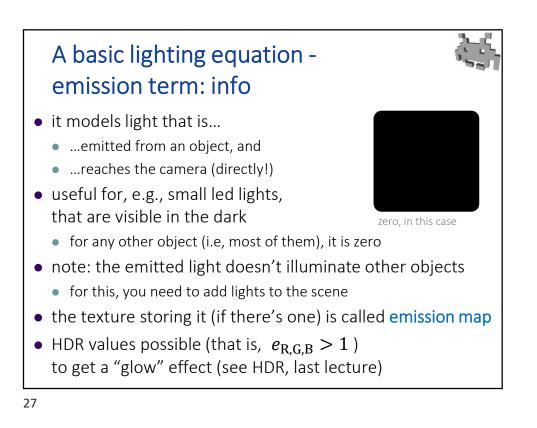


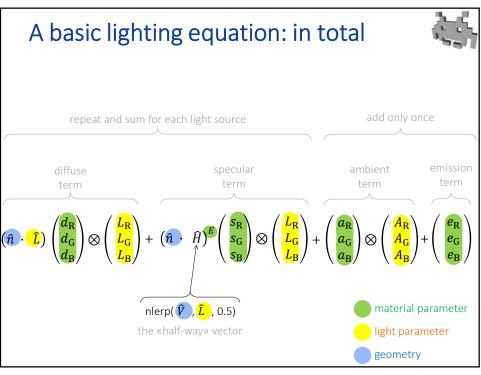


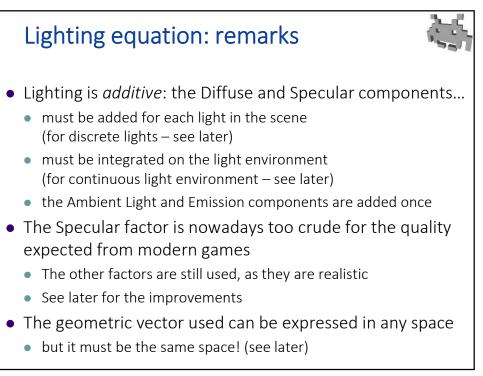


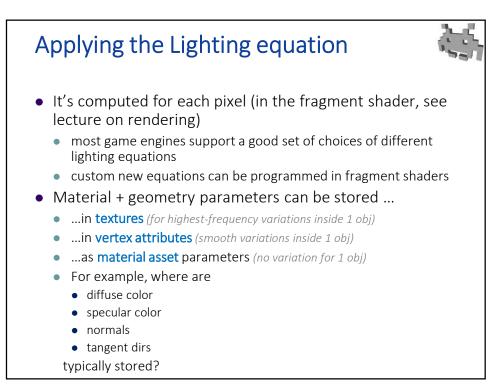




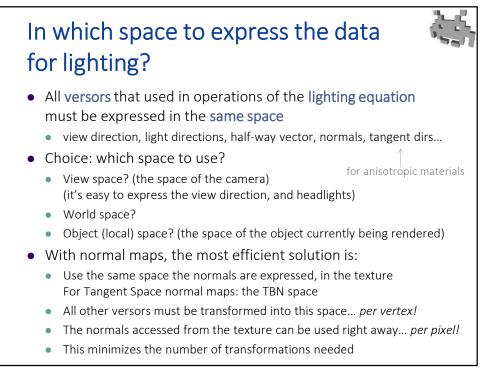


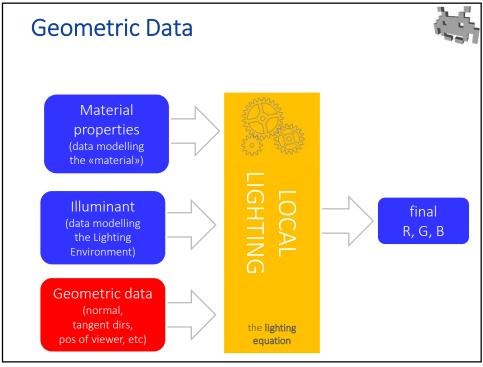


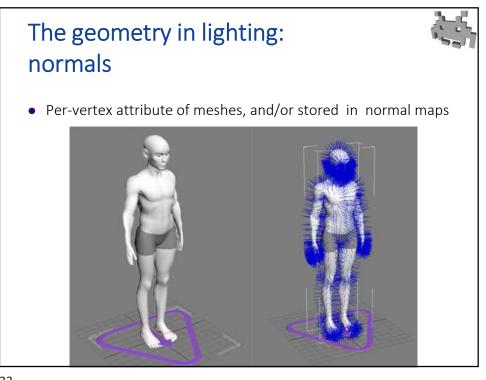


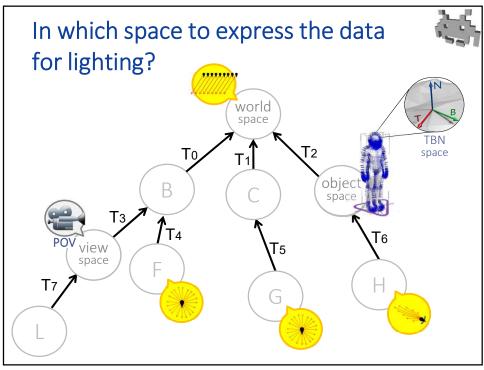


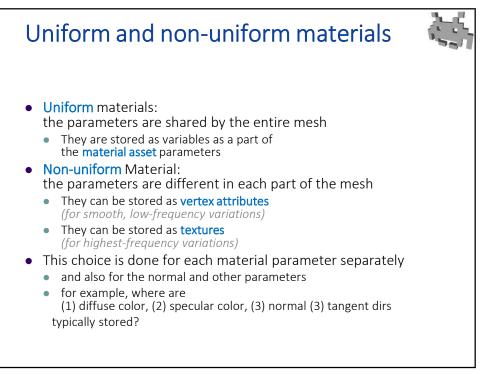




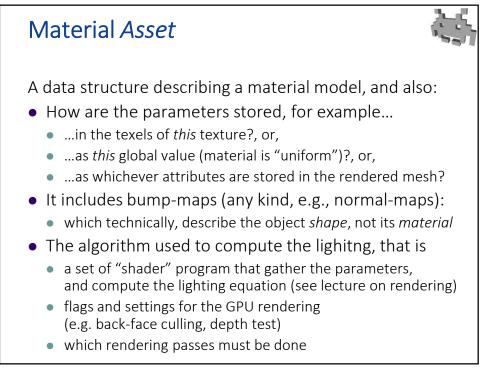




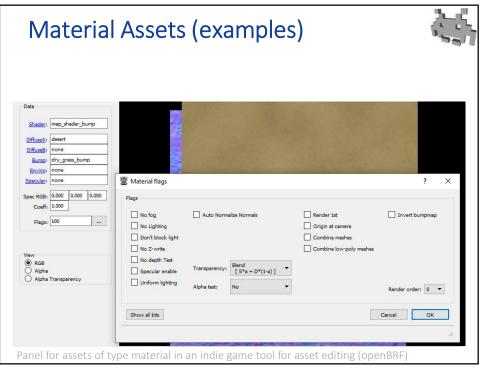


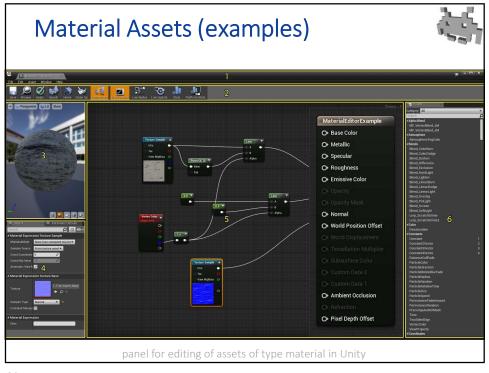


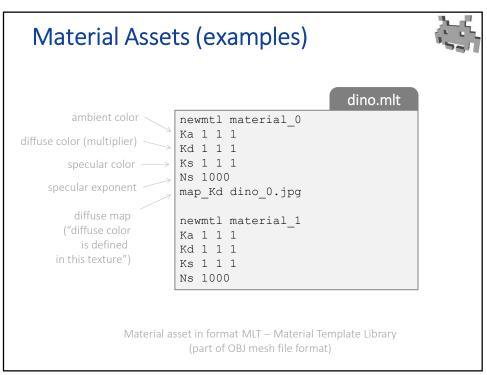


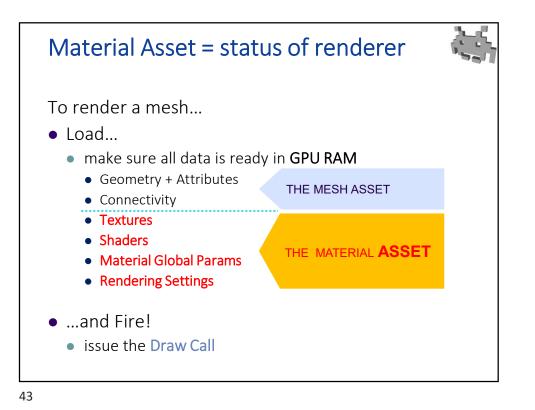


Material Asse	ets (example	es)	5
	Offset X 0 Y Secondary Maps © Detail Albedo x2 © Normal Map Tiling X 1 Y		
Pa	nel for assets of type mat	terial in Unity	









Defining materials: Chapter 1 ('90s)
The "Phong" lighting equation has been the standard for many years, because
It's cheap to compute
It's easy to control by material artists
Lighting equation was hardwired in graphics API (OpenGL and DirectX), and this was the only model which was provided
Therefore, the material parameters it uses has been the standard way to define materials (in videogames)
Via global parameters, vertex attributes, or textures defining them
Unfortunately, it's also crude, not realistic, and all materials look similar
It's only realistic if the Specular component is zero

