



































	State of an object					
	Point position	ition				
	Rotation orientation		current		updated	
	Vector velocity		> by physics			
	Rotation angular_velo	otation angular_velocity		current rates of change		
	Scalar mass Matrix moment_of_inertia Point barycenter Scalar drag					
			constants	(rarely	at initialization, y) changed	
				e.g. by	e.g. by scripts	
		frictions; see later				
					ation/forces/torques not part of the state	

In Qunity			
Point position Rotation orientation	part of Transform component		
Vector velocity Rotation angular velocity	the RigidBody component		
Scalar mass Matrix moment of inertia	Adding a "RigidBody" component to a Game Object is to say: <i>"please let the Phys. engine take</i> care of this object"		
Point barycenter Scalar drag			











































