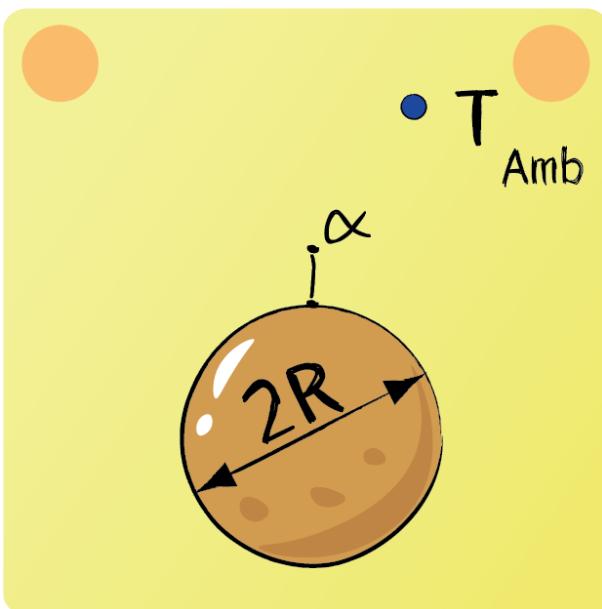


Exam Preparation Conduction 03



Consider a potato taken from a cooking pot with radius R . It exposed to room temperature T_{Amb} . The potato has a homogeneous starting temperature of T_S . The potato reaches a center temperature of $T_M = 63 \text{ }^{\circ}\text{C}$ at $t = 712 \text{ s}$. Determine its surface temperature T_S at that point.