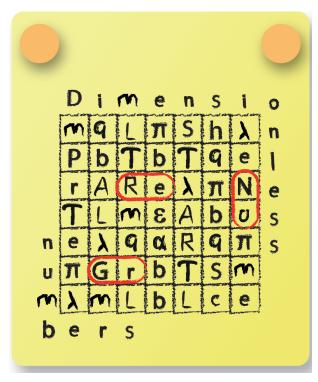


Dimensionless Number: Task 21



What applies to the Biot number if thermal resistance inside a body is close to thermal resistance at the body's surface?



1

For thermal resistances inside the body close to resistances at the body's surface, ther ratio of those resistances becomes approximatly than 1 and hence the same applies to the Biot number: Bi ≈ 1