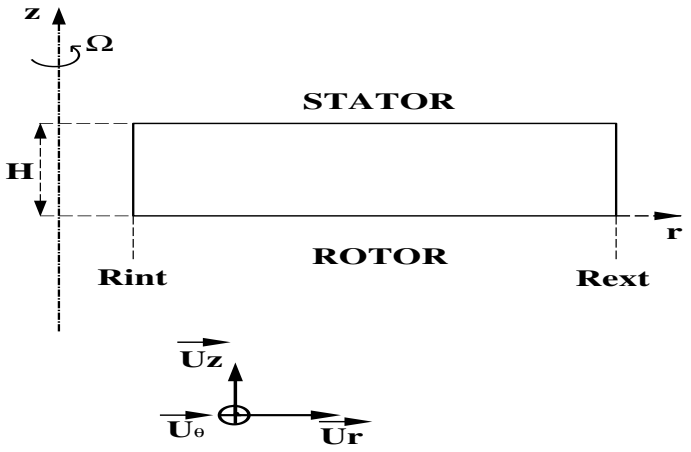
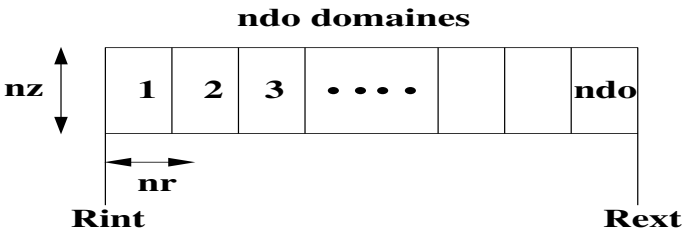
• **Configuration**



$$\begin{cases} \dfrac{R_{ext}}{H} = 8 \\ \dfrac{R_{int}}{H} = 2 \end{cases} \qquad \begin{cases} \dfrac{\Delta R}{H} = 6 \\ \dfrac{R_{int}}{R_{ext}} = 0,25 \end{cases}$$

• **Nombre de points et découpage multi-domaine**

R_{e_H}	1500	5000	7500	15625
R_{e_R}	10^5	$10^{5,5}$	5.10^5	10^6
nombre de points de discrétisation	6×10^4	4×10^5	5×10^5	10^6



• **Champs de vitesse azimutale instantanée**

Stator

$Re_H = 10^5$

$Re_H = 10^{5,5}$

$Re_H = 10^6$

Rotor