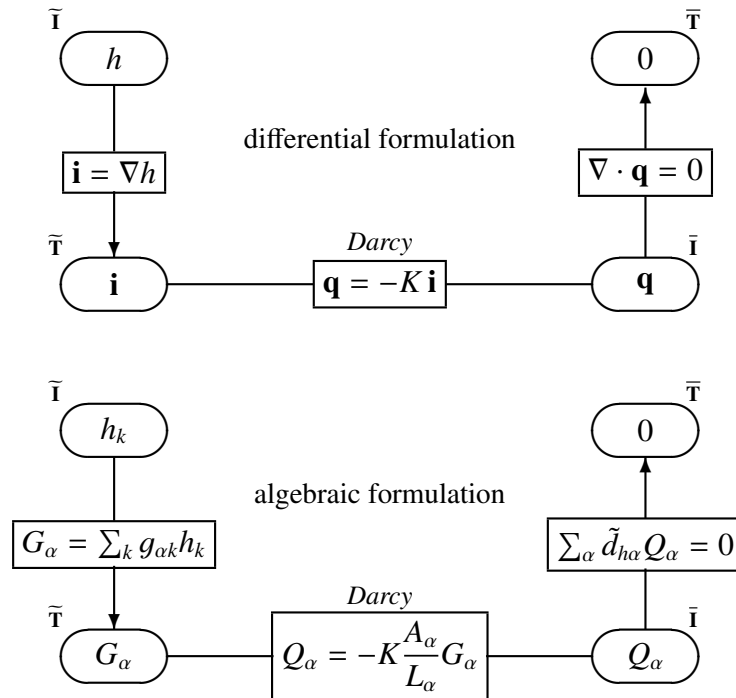


Hydraulics: percolation in porous media

configuration variables

source variables



h	total hydraulic head (m)	Q_α	volumetric flow rate ($\text{m}^3 \text{s}^{-1}$)
\mathbf{i}	hydraulic gradient (1)	\mathbf{q}	volumetric current density (m s^{-1})
L_α	flow path length (m)	K	hydraulic conductivity (m s^{-1})
$g_{\alpha k}$	incidence number edge/node	A_α	flow area $\perp L_\alpha$ (m^2)
G_α	head loss (m)	$\tilde{d}_{h\alpha}$	incidence number volume/face

Ref.: <http://biosystems.okstate.edu/darcy/LaLoi/basics.htm>

FLd11-6; <http://discretephysics.dica.units.it>

see also Table FLd7