

vctrtrtr.gce

Attributes

mainvars: ia ib ic iqs ids theta

Description

vctrtrtr.gce employs the following equations to relate the general variables ia, ib, ic to iqs, ids, theta:

$$\begin{aligned}i_a &= \cos \theta \, i_{qs} + \sin \theta \, i_{ds} , \\i_b &= \cos \left(\theta - \frac{2\pi}{3} \right) i_{qs} + \sin \left(\theta - \frac{2\pi}{3} \right) i_{ds} , \\i_c &= \cos \left(\theta + \frac{2\pi}{3} \right) i_{qs} + \sin \left(\theta + \frac{2\pi}{3} \right) i_{ds} .\end{aligned}$$

AC behaviour is not implemented.