Conversion between Koiter's notation (type writer) and modern Delft notation (text processor)

	old	new
curvilinear coordinates	α, β	u, v
Lamé parameters	A, B	α_x, α_y
in plane curvature	$\frac{1}{AB}\frac{\partial A}{\partial \beta}, \frac{1}{AB}\frac{\partial B}{\partial \alpha}$	k_x, k_y
curvature tensor	$\frac{1}{R_1}, \frac{1}{R_2}, \frac{1}{T}$	k_{xx}, k_{yy}, k_{xy}
displacement	u, v, w	u_x, u_y, u_z
strain tensor	$\varepsilon_1, \varepsilon_2, \psi$	$\varepsilon_{xx}, \varepsilon_{yy}, \gamma_{xy}$
rotation	ϕ_1, ϕ_2, Ω	$-\varphi_x, -\varphi_y, \varphi_z$
deformation curvature tensor	k_1, k_2, τ	$-\kappa_{xx}, -\kappa_{yy}, -\frac{1}{2}\rho_{xy}$
membrane force tensor	$N_1, N_2, S_{12}, S_{21}, S$	$n_{xx}, n_{yy}, n_{xy}, n_{yx}, \frac{n_{xy}+n_{yx}}{2}$
moment tensor	M_1, M_2, W	$-m_{xx}, -m_{yy}, -m_{xy}$
out of plane shear force	Q_1, Q_2	v_x, v_y
load	p_I, p_{II}, p_{III}	p_x, p_y, p_z