Definition		Transformation
$\left(\frac{\partial^2 T}{\partial p^2}\right)_\varrho$	$=$	$-\left(\frac{\partial^2 p}{\partial T^2}\right)_\varrho \left(\frac{\partial p}{\partial T}\right)_\varrho^{-3}$
$\left(\frac{\partial^2 T}{\partial \varrho^2}\right)_p$	$=$	$-\left[\left(\frac{\partial^2 p}{\partial \varrho^2}\right)_T \left(\frac{\partial p}{\partial T}\right)_\varrho - \left(\frac{\partial p}{\partial \varrho}\right)_T \left(\frac{\partial^2 p}{\partial T\,\partial \varrho}\right)\right] \left(\frac{\partial p}{\partial T}\right)_\varrho^{-2}$
		$+\left[\left(\frac{\partial^2 p}{\partial T\,\partial \varrho}\right) \left(\frac{\partial p}{\partial T}\right)_\varrho - \left(\frac{\partial p}{\partial \varrho}\right)_T \left(\frac{\partial^2 p}{\partial T^2}\right)_\varrho\right] \left(\frac{\partial p}{\partial T}\right)_\varrho^{-3} \left(\frac{\partial p}{\partial \varrho}\right)_T$
$\left(\frac{\partial^2 T}{\partial p\,\partial \varrho}\right)$	$=$	$-\left[\left(\frac{\partial^2 p}{\partial T\,\partial \varrho}\right) \left(\frac{\partial p}{\partial T}\right)_\varrho - \left(\frac{\partial p}{\partial \varrho}\right)_T \left(\frac{\partial^2 p}{\partial T^2}\right)_\varrho\right] \left(\frac{\partial p}{\partial T}\right)_\varrho^{-3}$
$\left(\frac{\partial^2 \varrho}{\partial p^2}\right)_T$	$=$	$-\left(\frac{\partial^2 p}{\partial \varrho^2}\right)_T \left(\frac{\partial p}{\partial \varrho}\right)_T^{-3}$
$\left(\frac{\partial^2 \varrho}{\partial T^2}\right)_p$	$=$	$-\left[\left(\frac{\partial^2 p}{\partial T^2}\right)_\varrho \left(\frac{\partial p}{\partial \varrho}\right)_T - \left(\frac{\partial p}{\partial T}\right)_\varrho \left(\frac{\partial^2 p}{\partial T\,\partial \varrho}\right)\right] \left(\frac{\partial p}{\partial \varrho}\right)_T^{-2}$
		$+\left[\left(\frac{\partial^2 p}{\partial T\,\partial \varrho}\right) \left(\frac{\partial p}{\partial \varrho}\right)_T - \left(\frac{\partial p}{\partial T}\right)_\varrho \left(\frac{\partial^2 p}{\partial \varrho^2}\right)_T\right] \left(\frac{\partial p}{\partial \varrho}\right)_T^{-3} \left(\frac{\partial p}{\partial T}\right)_\varrho$
$\left(\frac{\partial^2 \varrho}{\partial T\,\partial p}\right)$	$=$	$-\left[\left(\frac{\partial^2 p}{\partial T\,\partial \varrho}\right) \left(\frac{\partial p}{\partial \varrho}\right)_T - \left(\frac{\partial p}{\partial T}\right)_\varrho \left(\frac{\partial^2 p}{\partial \varrho^2}\right)_T\right] \left(\frac{\partial p}{\partial \varrho}\right)_T^{-3}$
$\left(\frac{\partial \mu}{\partial T}\right)_\varrho$	$=$	$\left\{-\left(\frac{\partial^2 p}{\partial T^2}\right)_\varrho - \left(\frac{\partial p}{\partial \varrho}\right)_T \left(\frac{\partial h}{\partial T}\right)_\varrho \left(\frac{\partial^2 h}{\partial T\,\partial \varrho}\right) \left(\frac{\partial h}{\partial \varrho}\right)_T^{-2}\right.$
		$\left.+\left[\left(\frac{\partial^2 p}{\partial T\,\partial \varrho}\right) \left(\frac{\partial h}{\partial T}\right)_\varrho + \left(\frac{\partial p}{\partial \varrho}\right)_T \left(\frac{\partial^2 h}{\partial T^2}\right)_\varrho\right] \left(\frac{\partial h}{\partial \varrho}\right)_T^{-1}\right\} \mu^2$
$\left(\frac{\partial \mu}{\partial \varrho}\right)_T$	$=$	$\left\{-\left(\frac{\partial^2 p}{\partial T\,\partial \varrho}\right) - \left(\frac{\partial p}{\partial \varrho}\right)_T \left(\frac{\partial h}{\partial T}\right)_\varrho \left(\frac{\partial^2 h}{\partial \varrho^2}\right)_T \left(\frac{\partial h}{\partial \varrho}\right)_T^{-2}\right.$
		$\left.+\left[\left(\frac{\partial^2 p}{\partial \varrho^2}\right)_T \left(\frac{\partial h}{\partial T}\right)_\varrho + \left(\frac{\partial p}{\partial \varrho}\right)_T \left(\frac{\partial^2 h}{\partial T\,\partial \varrho}\right)\right] \left(\frac{\partial h}{\partial \varrho}\right)_T^{-1}\right\} \mu^2$
$\left(\frac{\partial^2 T}{\partial p^2}\right)_h$	$=$	$\left(\frac{\partial \mu}{\partial p}\right)_h = \frac{\left(\frac{\partial \mu}{\partial T}\right)_\varrho \left(\frac{\partial h}{\partial \varrho}\right)_T - \left(\frac{\partial \mu}{\partial \varrho}\right)_T \left(\frac{\partial h}{\partial T}\right)_\varrho}{\left(\frac{\partial p}{\partial T}\right)_\varrho \left(\frac{\partial h}{\partial \varrho}\right)_T - \left(\frac{\partial p}{\partial \varrho}\right)_T \left(\frac{\partial h}{\partial T}\right)_\varrho}$