

$$\int_{\frac{\pi}{2}}^{\pi} \eta\mu\left(\frac{\eta\mu x}{x}\right) \frac{x\sigma\upsilon\nu x - \eta\mu x}{x^2} dx = \int_{\frac{2}{\pi}}^0 \eta\mu y dy = \left[-\sigma\upsilon\nu y\right]_{\frac{2}{\pi}}^0 =$$

$$= -1 + \sigma\upsilon\nu \frac{2}{\pi}$$