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 $\sigma_y = \sigma_v$ $\sigma_y = \sigma_{N1} \sigma_y v_1 + \sigma_{N2} \sigma_y v_2 + \sigma_{N3} \sigma_y v_3$ (9.12) $\sigma_{xy} = \sigma_u \sigma_y + \sigma_v \sigma_x = \sigma_{N1} \sigma_y$

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$u_1 + \frac{1}{2} u_2 + \frac{1}{3} u_3 + \frac{1}{4} v_1 + \frac{1}{2} v_2 + \frac{1}{3} v_3$

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