Erratum: "Four-Wire Bridge Measurements of Silicon van der Pauw Stress Sensors" [ASME J. Electron. Packag., 2014, 136(4), p. 041014; DOI: 10.1115/1.4028333]

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Unfortunately, the desired output should actually be the negative of our original choice for V_O in Fig. 1. Thus, a sign error also appears in Eqs. (13) and (14) and of the text. The desired outputs are:

$$V_{\text{VDP}}^{0°} - V_{\text{VDP}}^{90°} = V_{\text{VDP}}[3.16\pi_{44}(\sigma'_{11} - \sigma'_{22})] \tag{13}$$

$$V_{\text{VDP}}^{+45°} - V_{\text{VDP}}^{-45°} = V_{\text{VDP}}[3.16(2\pi_D)\sigma'_{12}] \tag{14}$$
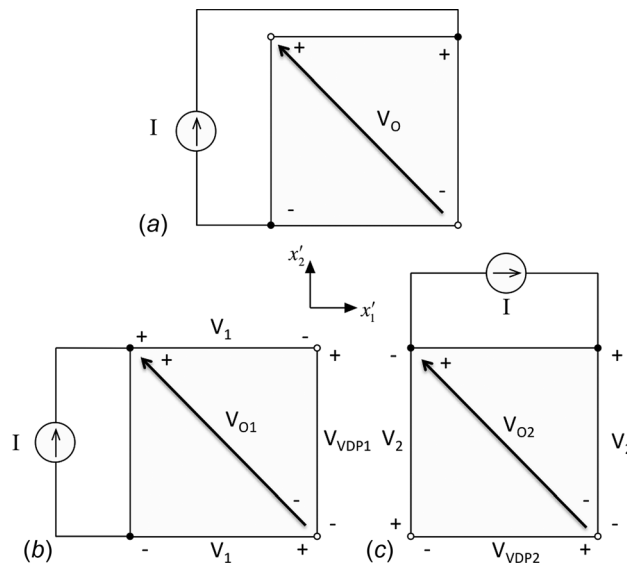

Fig. 1 Analysis by superposition: (*a*) diagonal current excitation; (*b*) and (*c*) equivalent circuits for superposition