

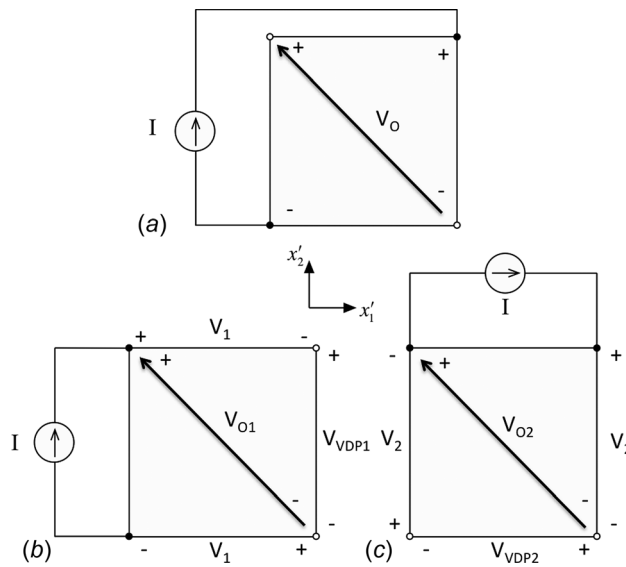
# Erratum: “Four-Wire Bridge Measurements of Silicon van der Pauw Stress Sensors” [ASME J. Electron. Packag., 2014, 136(4), p. 041014; DOI: 10.1115/1.4028333]

Richard C. Jaeger, Mohammad Motalab, Safina Hussain, and Jeffrey C. Suhling

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:

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

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



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