

Erratum: "On the theory of the strange and unconventional isotopic effects in ozone formation" [J. Chem. Phys. 116, 137 (2002)]

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The values of the abscissa (pressure) in Fig. 8 should be divided by 2. Neither the discussion nor the conclusions are affected.

Erratum: "Equations of state for fluids: The Dieterici approach revisited" [J. Chem. Phys. 115, 1460 (2001)]

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The vapor-liquid equilibria calculations reported for Eq. (5) used values of $a = 2.996\,79\,RT^cV^c$ and $y = 0.357\,057$ for the equation of state parameters. These values were identified incorrectly as being valid at the critical point, and the critical compressibility factor was stated incorrectly as $Z^c = 0.2705$. The correct values at the critical point, obtained by applying the critical conditions to Eq. (5), are $a = 3.199\,60\,RT^cV^c$ and $y = 0.382\,132$. The correct value for the critical

compressibility factor predicted by Eq. (5) is $Z^c = 0.2545$. Using these values would result in the coexisting vapor and liquid phases being located at different densities. In general, this means that the quality of agreement with experiment reported in Figs. 1, 3, 4, and 5 would decline slightly for the vapor and liquid phases. The comparison with experiment for the coexistence pressure illustrated in Fig. 2 would not cross the experimental curve.