# Cubic EoS:

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|  | (1) |

Free Energy of Ideal Gas from Cubic EoS (Sandler Eqn 5.4-14a Page 287)

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|  | (2) |

Entropy of Non-Ideal Gas from Cubic EoS (Sandler Eqn 4.4-20 Page 206)

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|  | (3) |

Enthalpy of a Non-Ideal Gas from Cubic EoS (Sandler Eqn 4.4-19 Page 205)

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|  | (4) |