Cur.
$$(u = -\pi)$$
 $(r3.65)$ $\frac{2 \stackrel{?}{v}^2 \left(-2 + \stackrel{?}{v} Tanh\left[\frac{v}{2}\right]\right)}{v^9}$ $v_{-}i$ $(r3.66)$ 2.39936 $(check)$ True