

December - 2021  Conservation of Energy T W T F S S M T W T F S S  1 2 3 4 5 6 7 8 9 10 11 12  1 3 14 15 16 17 18 19 20 21 22 23 24 25 28  December • Friday  December • Friday
2nd Law of Thermodynamics.
Kelvin atalement: There exists no thermodynamics  stransformation whose soll effect is to  extract a quantity of heat from a given  reservoir and convert it entirely into  work.
Clausius statement: There oxists no thornodyning thermodynamic transformation whose sole effect is to extract a quantity of heat thom a grown peate remember colden reservoir and consent to deliver it to a hater a reservoir.
Jdeal gars > reversible + isothermaal expansion
$\frac{\Rightarrow}{\Rightarrow} \frac{du = 0}{\Rightarrow} \frac{du}{2} - \frac{du}{7}$
Kelvin statement & Clausions statement are equivalent
2021