Page 5: Equation

(T^{1/2}/S\_1^1/2)  ---->  (T/S\_1)^(1/2)

$$\frac{\left(P\_{in}-P\_{out}\right)}{L}=\frac{1}{α}\frac{L}{ΔT}\frac{m}{A}\frac{R}{P}\left\{\left[T^{\frac{1}{2}}\left(3T^{2}-5S\_{1}T+15S\_{1}^{2}\right)-15S\_{1}^{\frac{5}{2}}arctan⁡\left(\frac{T}{S\_{1}}\right)^{\frac{1}{2}})+ϵ\_{m}\frac{PT}{R}\right]\_{T\_{0}}^{T\_{1}}+\frac{1}{2}C\_{2}\frac{m}{A}\left[\frac{T^{2}}{2}\right]\_{T\_{0}}^{T\_{1}}\right\} \left(6\right)$$

Page 6; Line 2 from bottom

    ?  \cite{Maechanics}

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