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-[partial derivative]H/[partial derivative]q = P(p,q,t)/R(p,q,t), [partial derivative]H/[partial derivative]p = Q(pq,t)/R(p,q,t) then we may put the equations (4) in the form dp/P(p,q,t) = dq/Q(p,q,t) = dt/R(p,q,t) (5)

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