

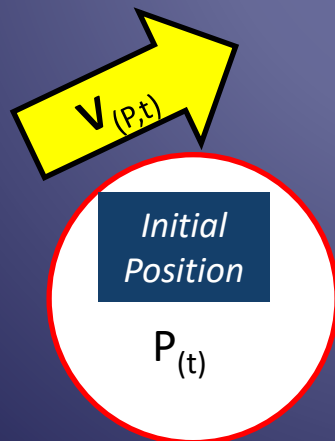
The advection of a particle or puff is computed from the average of the three-dimensional velocity vectors at the initial-position $P(t)$ and the first-guess position $P'(t+\Delta t)$.

The velocity vectors are linearly interpolated in both space and time.

The first guess position is: $P'_{(t+\Delta t)} = P_{(t)} + V_{(P,t)} \Delta t$

The second guess position is: $P_{(t)} + V_{(P',t+\Delta t)} \Delta t$

The final position is: $P_{(t+\Delta t)} = P_{(t)} + 0.5 [V_{(P,t)} + V_{(P',t+\Delta t)}] \Delta t$



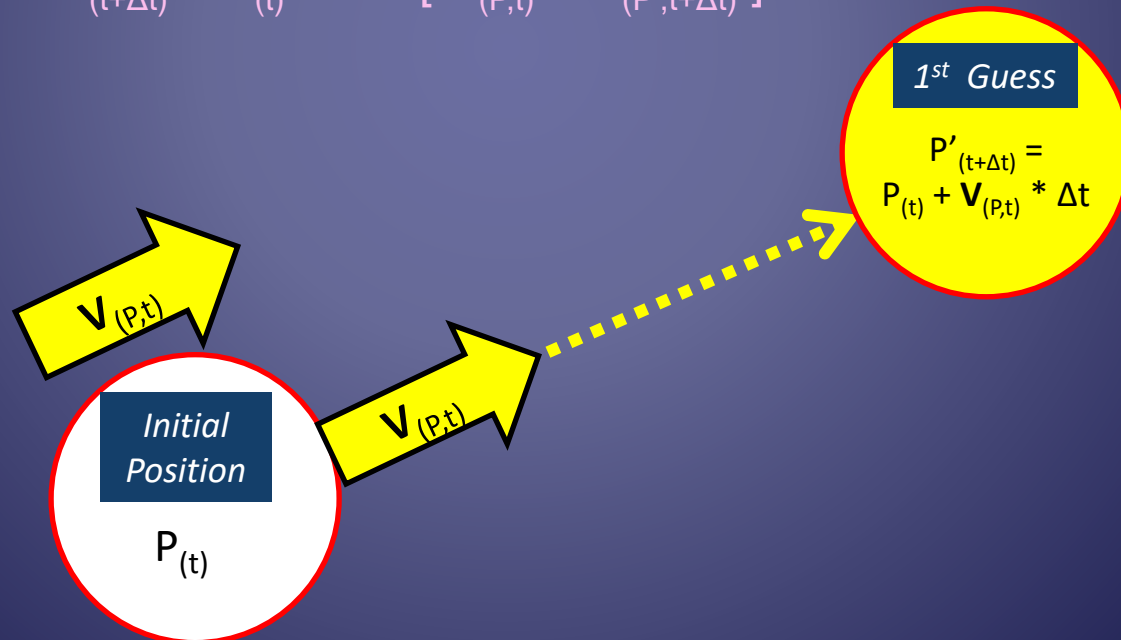
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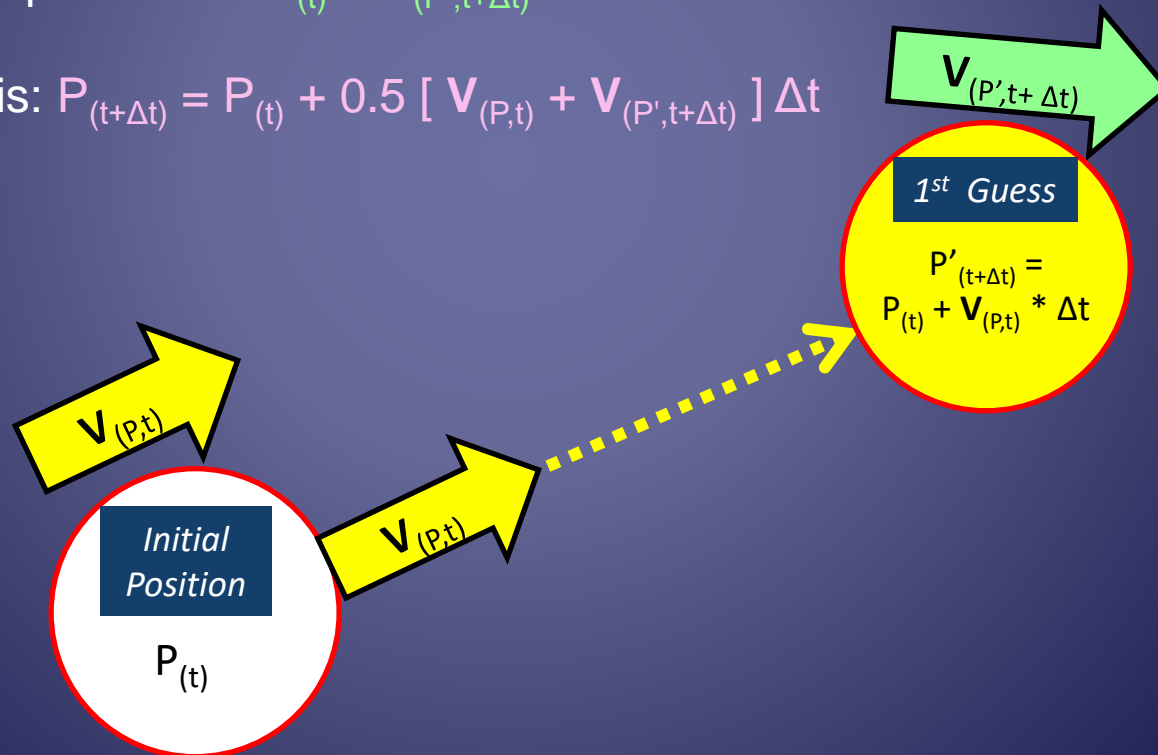
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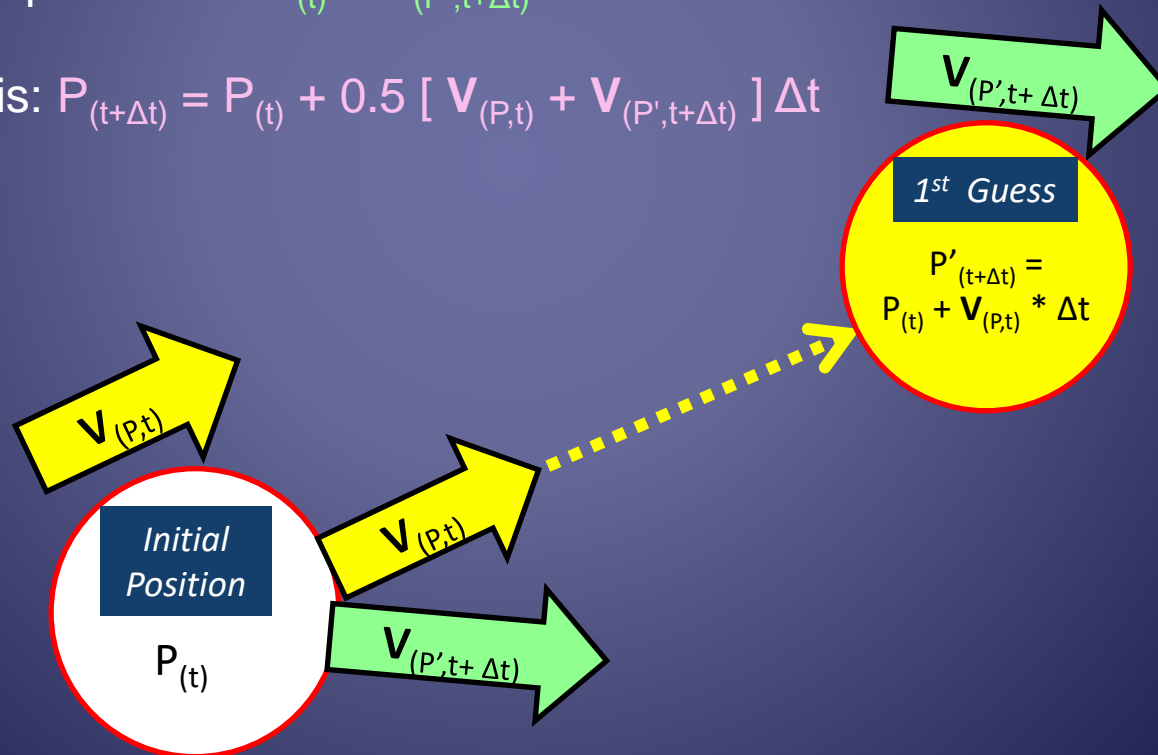
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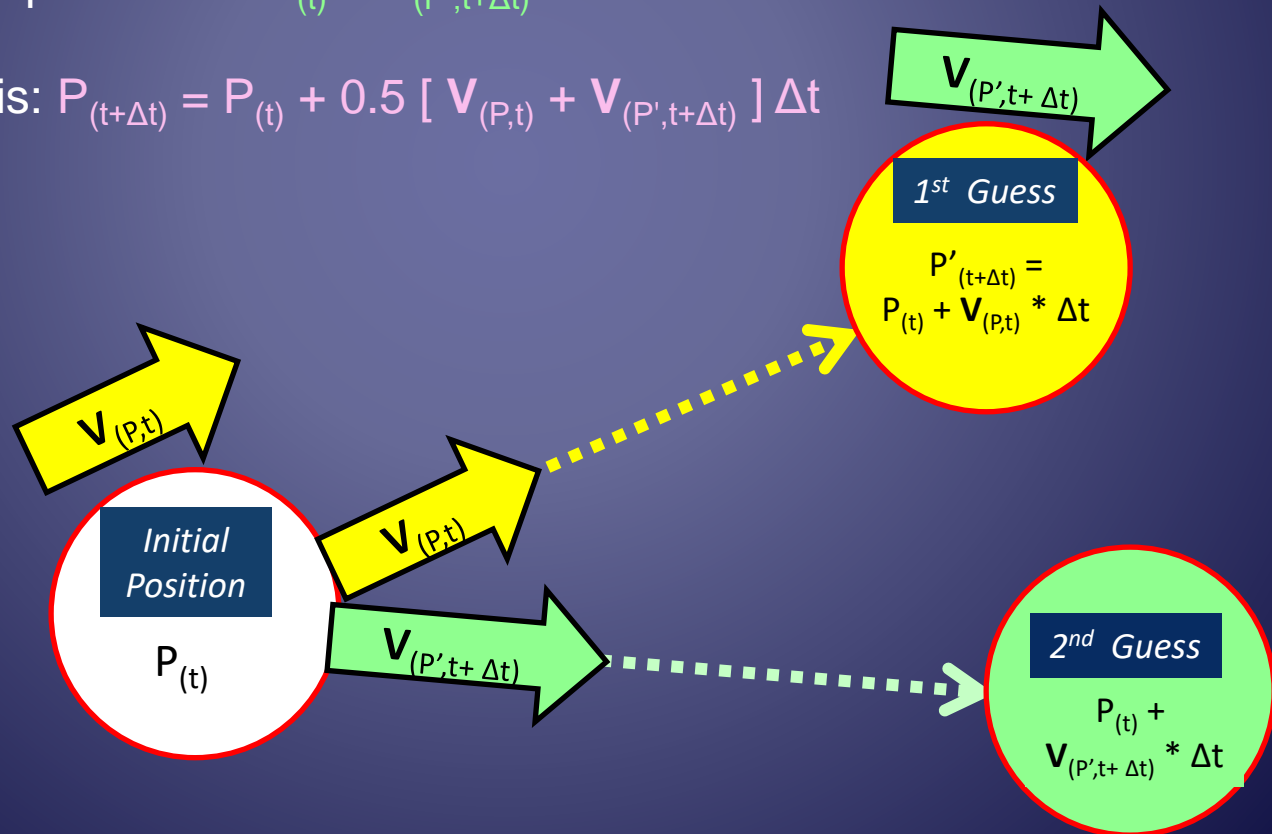
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