3. Chorack. Movement (Vector Length)

107 =1x2 + 13 Comparison Trick

Fast Distance

W 4 1/2 + 4/2

4. Character Movement 4 (Vector Scaling)

$$\frac{\overline{U}}{\overline{U}} = (\overline{U}_{x} + \overline{U}_{y})$$

$$\overline{U} = (\overline{U}_{x} + \overline{U}_{y})$$

$$\frac{\overline{V}}{2} = \left(\frac{\overline{V}_{2}}{2}, \frac{\overline{V}_{3}}{2}\right)$$

M. Math for Game Developers - Durging and Granty (Time Delta, Game Lo

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30 FB % = -03 60 FB % = .016

m'= m+ st V P+V+DE G Morio. postron = Point (0,0) Morio. velocity = Vector (2,2) Mario. growty = Vector (01-2) 1. noth for Game Developers Smooth More(most) (Linear Interpolation) of the foliche (Cop)

