

$$T_{2}\{lordiv \ pelynom \ Hessev_{2} \ massive_{2} \ T_{2}\{x\} = \begin{cases} \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{$f(a)$} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{$f(a)$} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} & \text{v_{x}^{i}} \\ \frac{1}{2^{2}} & \text{v_{x}^{i}} & \text{$v_{x$$

$$\nabla f(1,2) = (4,0)$$

$$H_{f}(x_{1}x_{3}) = 2 \begin{pmatrix} 2 & 1 \\ 1 & 0 \end{pmatrix}$$

$$H_{f}(x_{1}x_{3}) = 1 + (x - 1, 3 - 2) \cdot (4,0) + \frac{1}{2}(x - 1, 3 - 2) \cdot (\frac{2}{10}) \cdot (\frac{x - 7}{5 - 2}) = 2 + (x - 4 + \frac{1}{2}(x - 1, 3 - 2) \cdot (\frac{2}{10}) \cdot (\frac{x - 7}{5 - 2}) = 2 + (x - 4 + \frac{1}{2}(x - 1, 3 - 2) \cdot (\frac{2}{10}) \cdot (\frac{x - 7}{5 - 2}) = 2 + (x - 4 + \frac{1}{2}(x - 2 + x - 2) \cdot (\frac{2}{10}) \cdot (\frac{x - 7}{5 - 2}) = 2 + (x - 4 + \frac{1}{2}(x - 2 + x - 2) \cdot (\frac{2}{10}) \cdot (\frac{x - 7}{5 - 2}) = 2 + (x - 4 + \frac{1}{2}(x - 2 + x - 2) \cdot (\frac{2}{10}) \cdot (\frac{x - 7}{5 - 2}) = 2 + (x - 4 + \frac{1}{2}(x - 2 + x - 2) \cdot (\frac{2}{10}) \cdot (\frac{x - 7}{5 - 2}) = 2 + (x - 4 + \frac{1}{2}(x - 2 + x - 2) \cdot (\frac{2}{10}) \cdot (\frac{x - 7}{5 - 2}) = 2 + (x - 4 + \frac{1}{2}(x - 2 + x - 2) \cdot (\frac{2}{10}) \cdot (\frac{x - 7}{5 - 2}) = 2 + (x - 4 + \frac{1}{2}(x - 2 + x - 2) \cdot (\frac{2}{10}) \cdot (\frac{2}{1$$

$$\nabla B(x_{1},z_{1},z) = \left(\frac{1}{16},\frac{2}{14},\frac{-2z}{8}\right) = \left(\frac{x}{8},\frac{2y}{9},\frac{-z}{4}\right)$$

$$\nabla B(x_{1},z_{1},z) = \left(\frac{1}{2},\frac{1}{3},-1\right)$$

$$\left(\frac{1}{3},\frac{y}{3},-1\right) \cdot (x-4+3-3,z-4) = 0$$

$$\frac{y}{2} - 2x^{2} \cdot 3x - 2 - 2x + 4 = 0$$

$$\frac{y}{2} + 2^{3} \cdot 3 - 2 \cdot 0$$

$$4 a) 2x^{2} + 3^{2} + z^{2} - 2x + 4 + 3 = 0, a = (0,-1,0)$$

$$A \frac{x}{2} + 3^{2} + z^{2} - 2x + 4 + 3 = 0, a = (0,-1,0)$$

$$A \frac{x}{2} + 3^{2} + 2^{2} - 2x + 4 + 3 = 0, a = (0,-1,0)$$

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$$A \frac{x}{2} + 3^{2} + 2^{2} +$$

$$\cos \lambda = \frac{|(o_1 - v_1 o) \cdot (-v_1 - v_1 o)|}{|(o_1 - v_1 o) \cdot (-v_1 - v_1 o)|} = \frac{4}{2 \cdot 2 \sqrt{2}} = \frac{1}{\sqrt{2}}$$

$$\lambda = \frac{\pi}{4}$$

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