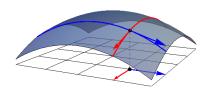
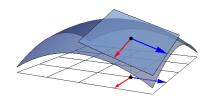
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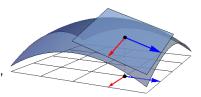
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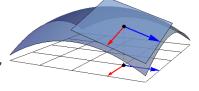
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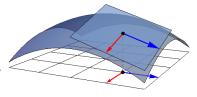
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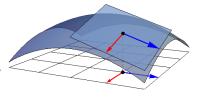
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(Point-slope format)

Planey

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(Point-slope formula)

Linear Approximation

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A linear approximation near $\vec{\mathbf{v}}_0 = (w_0, x_0, y_0, z_0)$ would be

$$f(\vec{\mathbf{v}}) - f(\vec{\mathbf{v}}_0) \approx f_w(\vec{\mathbf{v}}_0)(w - w_0) + f_x(\vec{\mathbf{v}}_0)(x - x_0) + f_y(\vec{\mathbf{v}}_0)(y - y_0) + f_z(\vec{\mathbf{v}}_0)(z - z_0)$$

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The true change is .6449.