$$y_t^T = f\left(x_t^T + v_t^T + v_{t-1}^T G\right)$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

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$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

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$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)\right]}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T + v_t^T + v_t^T + v_t^T + v_t^T G\right)}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T \right)}$$

$$= \frac{1}{\left[\left(x_t^T + v_t^T +$$

if 6 was identify matrix then current output is previous output plus a perturbation

$$N_{\circ} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} = \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \\ 1 \end{array} \right\} \left\{ \begin{array}{c} 1 \end{array} \right\} \left\{ \begin{array}{c}$$

HYD X3D will be implemented VI2 lowering to matrix matrix multiplication

Encoder - attention - decoder architecture

