

$$\begin{aligned} \mathcal{X} \sqsubseteq_{\mathbf{F}} \mathcal{Y} &\Rightarrow \text{FPFE}(\mathcal{X}) \sqsubseteq_{\mathbf{F}} \mathcal{Y} \\ \mathcal{X} \sqsubseteq_{\mathbf{B}}^{\infty} \mathcal{Y} &\Rightarrow \mathcal{X} \sqsubseteq_{\mathbf{B}}^{\infty} \text{FPFE}(\mathcal{Y}) \end{aligned}$$