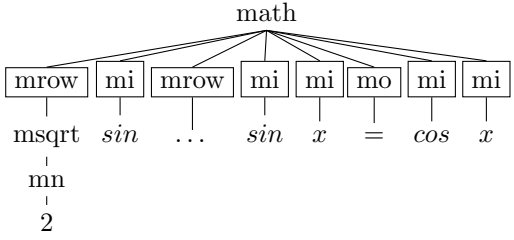
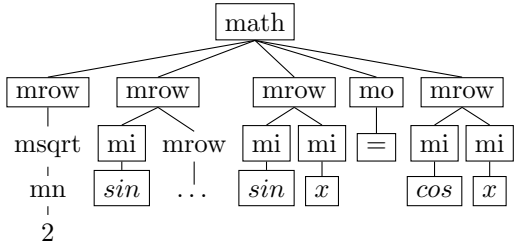
$T_1(\sqrt{2}\sin(\frac{3\pi}{2}-x)\sin x=\cos x)$

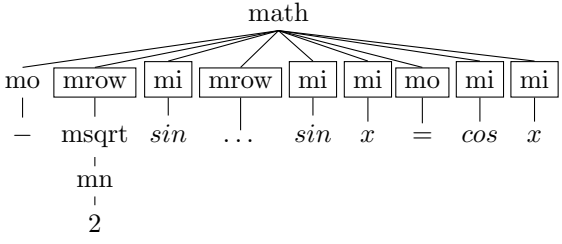


$T_1'(\sqrt{2}\sin(\frac{3\pi}{2}-x)\sin x=\cos x)$

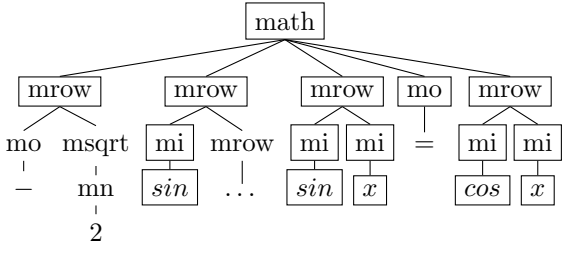


$\Rightarrow$

$T_2(-\sqrt{2}\sin(-\frac{5\pi}{2}+x)\sin x=\cos x)$



$T_2'(-\sqrt{2}\sin(-\frac{5\pi}{2}+x)\sin x=\cos x)$



$S_{TO}(T_1,T_2)=\frac{0+0}{34+38}=\frac{0}{72}=0$

$S_{TO}(T_1',T_2')=\frac{17+17}{37+41}=\frac{34}{78}=0.44$