Frequencydomain phase of max-power frequency φ_f
vs Timedomain phase φ_t with varying f/f_{sample}

-0.97π -0.83π -0.7π -0.55π -0.5π

- $f/f_{\text{sample}} = 0.001$
- $f/f_{\text{sample}} = 0.21$
- $f/f_{\text{sample}} = 0.24$
- $f/f_{\text{sample}} = 0.3333333333333$
- $f/f_{\text{sample}} = 0.49$