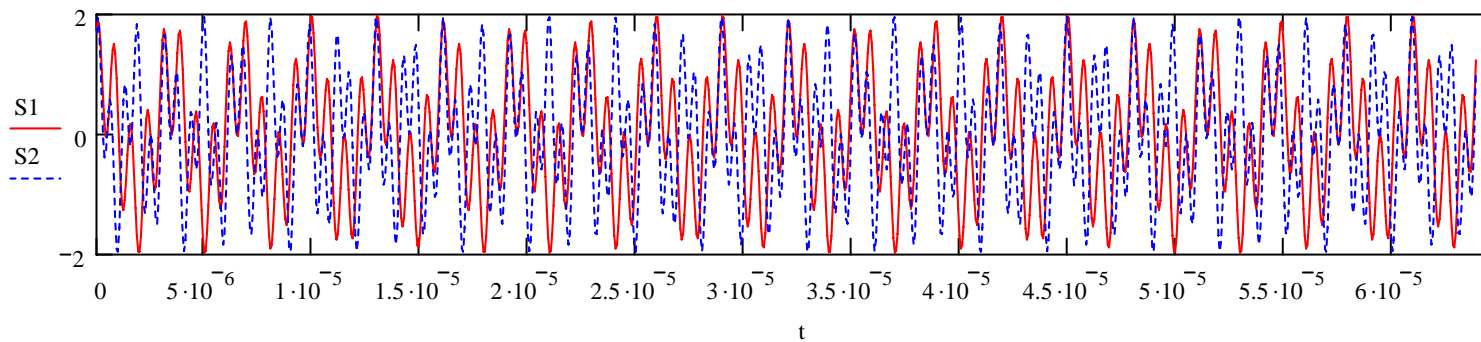


$$N_t := 1024 \quad j_t := 0..N_t - 1 \quad SR := 16\text{MHz} \quad Flo1 := 0\text{MHz} \quad t_{jt} := \frac{1}{SR} \cdot j_t$$

$$Fs1 := \frac{SR}{1024} \cdot 20 \quad Fs2 := \frac{SR}{1024} \cdot 40$$

$$S1_{jt} := \sin\left(2\pi \cdot Fs1 \cdot j_t \cdot \frac{1}{SR} + 1\right) + \sin\left[2\pi \cdot (Fs1 + 1\text{MHz}) \cdot j_t \cdot \frac{1}{SR} + 1\right] \quad dfr := 0$$

$$S2_{jt} := \sin\left(2\pi \cdot Fs2 \cdot j_t \cdot \frac{1}{SR} + 1\right) + \sin\left[2\pi \cdot (Fs2 + 1\text{MHz}) \cdot j_t \cdot \frac{1}{SR} + 1\right]$$



$$dfr := Fs2 - Fs1 \quad dfr = 3.125 \times 10^5 \text{ s}^{-1} \quad Flo2 := Flo1 + dfr$$

$$mx1_{jt} := \exp\left(2\pi \cdot i \cdot Flo1 \cdot j_t \cdot \frac{1}{SR}\right) \quad mx2_{jt} := \exp\left[2\pi \cdot i \cdot (Flo2) \cdot j_t \cdot \frac{1}{SR}\right]$$

$$\text{Cs1} := \overrightarrow{(S1 \cdot \text{mx1})}$$

$$\text{Cs2} := \overrightarrow{(S2 \cdot \text{mx2})}$$

$$\text{Sp1} := \text{cfft}(\text{Cs1})$$

$$\text{Sp2} := \text{cfft}(\text{Cs2})$$

