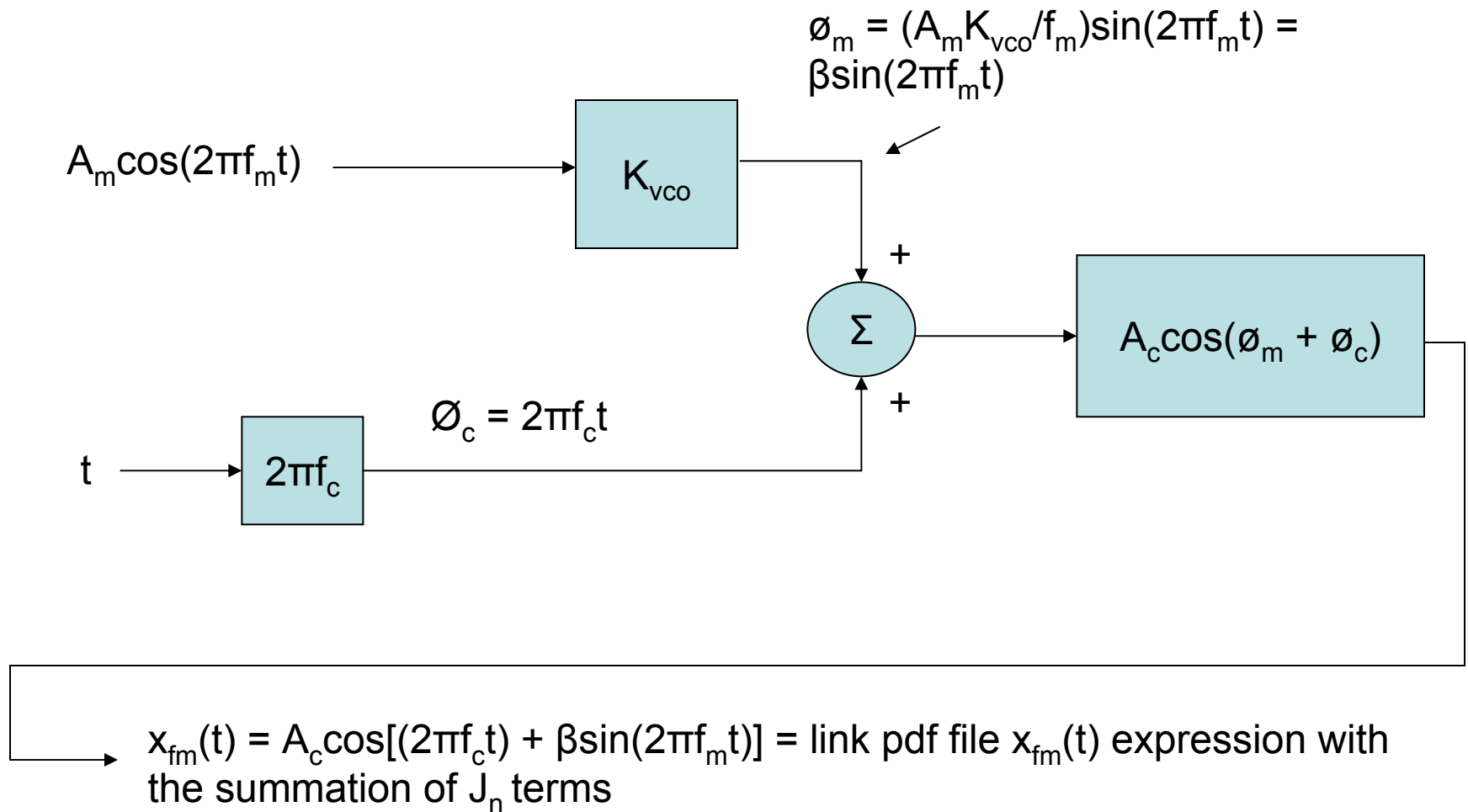


# FM Modulation

One-Tone Sinusoidal Modulation

$$K_{vco} = 5\text{KHz/V} = 2\pi(5\text{ KHz}) \text{ rad/V-sec} = \phi_m/\text{V-sec}$$



because  $\beta = A_m K_{vco}/f_m$