C U R V A		Deslocamento	Velocidade	Aceleração	Jerk
Velocidade Constante		$\frac{h}{\beta}\theta$	$\frac{h}{\beta}$	0	0
Parabólica	$0 \le \theta \le \beta_a$	$\frac{h}{\beta\beta_a}\theta^2$	$\frac{2h}{\beta\beta_a}\theta$	$\frac{2h}{\beta\beta_a}$	0
	$\beta_a \le \theta \le \beta$	$h - \frac{h}{\beta\beta_b}(\beta - \theta)^2$	$\frac{2h}{\beta\beta_b}(\beta - \theta)$	$-\frac{2h}{\beta\beta_b}$	0
Dupla Cúbica	$0 \le \theta \le \frac{\beta}{2}$	$\frac{4h}{\beta^3}\theta^3$	$\frac{12h}{\beta^3}\theta^2$	$\frac{24h}{\beta^3}\theta$	$\frac{24h}{\beta^3}$
	$\frac{\beta}{2} \le \theta \le \beta$	$h - \frac{4h}{\beta^3}(\beta - \theta)^3$	$\frac{12h}{\beta^3}(\beta - \theta)^2$	$-\frac{24h}{\beta^3}(\beta - \theta)$	$\frac{24h}{\beta^3}$
Cúbica		$\frac{3h}{\beta^2}\theta^2 - \frac{2h}{\beta^3}\theta^3$	$\frac{6h}{\beta^2}\theta - \frac{6h}{\beta^3}\theta^2$	$\frac{6h}{\beta^2} - \frac{12h}{\beta^3}\theta$	$-\frac{12h}{\beta^3}$
Harmônica Simples		$\frac{h}{2}(1 - \cos\frac{\pi}{\beta}\theta)$	$\frac{h\pi}{2\beta}\operatorname{sen}\frac{\pi}{\beta}\theta$	$\frac{h\pi^2}{2\beta^2}\cos\frac{\pi}{\beta}\theta$	$-\frac{h\pi^3}{2\beta^3}\operatorname{sen}\frac{\pi}{\beta}\theta$
Dupla harmônica		$\frac{h}{2}\left[\left(1 - \cos\frac{\pi}{\beta}\theta\right) - \frac{1}{4}(1 - \cos\frac{2\pi}{\beta}\theta)\right]$	$\frac{h\pi}{2\beta}\left[\operatorname{sen}\frac{\pi}{\beta}\theta - \frac{1}{2}\operatorname{sen}\frac{2\pi}{\beta}\theta\right]$	$\frac{h\pi^2}{2\beta^2}\left[\cos\frac{\pi}{\beta}\theta - \cos\frac{2\pi}{\beta}\theta\right]$	$\frac{h\pi^3}{2\beta^3}\left[2\operatorname{sen}\frac{2\pi}{\beta}\theta - \operatorname{sen}\frac{\pi}{\beta}\theta\right]$
Cicloidal		$h(\frac{\theta}{\beta} - \frac{1}{2\pi}\operatorname{sen}\frac{2\pi}{\beta}\theta)$	$\frac{h}{\beta}(1 - \cos\frac{2\pi}{\beta}\theta)$	$\frac{2h\pi}{\beta^2}\operatorname{sen}\frac{2\pi}{\beta}\theta$	$\frac{4h\pi^2}{\beta^3}\cos\frac{2\pi}{\beta}\theta$