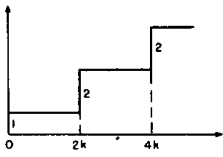
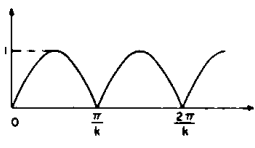
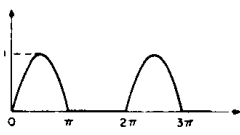


	$f(s)$	$F(t)$	
29.3.72	$\frac{1}{s} \coth ks$	$u(t) + 2 \sum_{n=1}^{\infty} u(t-2nk)$	
29.3.73	$\frac{k}{s^2+k^2} \coth \frac{\pi s}{2k}$	$ \sin kt $	
29.3.74	$\frac{1}{(s^2+1)(1-e^{-\pi s})}$	$\sum_{n=0}^{\infty} (-1)^n u(t-n\pi) \sin t$	 *
29.3.75	$\frac{1}{s} e^{-\frac{k}{s}}$	$J_0(2\sqrt{kt})$	9
29.3.76	$\frac{1}{\sqrt{s}} e^{-\frac{k}{s}}$	$\frac{1}{\sqrt{\pi t}} \cos 2\sqrt{kt}$	
29.3.77	$\frac{1}{\sqrt{s}} e^{\frac{k}{s}}$	$\frac{1}{\sqrt{\pi t}} \cosh 2\sqrt{kt}$	
29.3.78	$\frac{1}{s^{3/2}} e^{-\frac{k}{s}}$	$\frac{1}{\sqrt{\pi k}} \sin 2\sqrt{kt}$	
29.3.79	$\frac{1}{s^{3/2}} e^{\frac{k}{s}}$	$\frac{1}{\sqrt{\pi k}} \sinh 2\sqrt{kt}$	
29.3.80	$\frac{1}{s^\mu} e^{-\frac{k}{s}} \quad (\mu > 0)$	$\left(\frac{t}{k}\right)^{\frac{\mu-1}{2}} J_{\mu-1}(2\sqrt{kt})$	9
29.3.81	$\frac{1}{s^\mu} e^{\frac{k}{s}} \quad (\mu > 0)$	$\left(\frac{t}{k}\right)^{\frac{\mu-1}{2}} I_{\mu-1}(2\sqrt{kt})$	9
29.3.82	$e^{-k\sqrt{s}} \quad (k > 0)$	$\frac{k}{2\sqrt{\pi t^3}} \exp\left(-\frac{k^2}{4t}\right)$	
29.3.83	$\frac{1}{s} e^{-k\sqrt{s}} \quad (k \geq 0)$	$\operatorname{erfc} \frac{k}{2\sqrt{t}}$	7
29.3.84	$\frac{1}{\sqrt{s}} e^{-k\sqrt{s}} \quad (k \geq 0)$	$\frac{1}{\sqrt{\pi t}} \exp\left(-\frac{k^2}{4t}\right)$	
29.3.85	$\frac{1}{s^{3/2}} e^{-k\sqrt{s}} \quad (k \geq 0)$	$2\sqrt{\frac{t}{\pi}} \exp\left(-\frac{k^2}{4t}\right) - k \operatorname{erfc} \frac{k}{2\sqrt{t}} = 2\sqrt{t} \operatorname{erfc} \frac{k}{2\sqrt{t}}$	7
29.3.86	$\frac{1}{s^{1+\frac{1}{2}n}} e^{-k\sqrt{s}} \quad (n=0, 1, 2, \dots; k \geq 0)$	$(4t)^{\frac{1}{2}n} \operatorname{erfc} \frac{k}{2\sqrt{t}}$	7
29.3.87	$\frac{n-1}{s^2} e^{-k\sqrt{s}} \quad (n=0, 1, 2, \dots; k > 0)$	$\frac{\exp\left(-\frac{k^2}{4t}\right)}{2^n \sqrt{\pi t^{n+1}}} H_n\left(\frac{k}{2\sqrt{t}}\right)$	22
29.3.88	$\frac{e^{-k\sqrt{s}}}{a+\sqrt{s}} \quad (k \geq 0)$	$\frac{1}{\sqrt{\pi t}} \exp\left(-\frac{k^2}{4t}\right) - ae^{ak} e^{a^2 t} \operatorname{erfc}\left(a\sqrt{t} + \frac{k}{2\sqrt{t}}\right)$	7

*See page 11.