$\Phi(x)=\phi(r),\ r=\\|x\\|_2$	$f(r)=\varphi(\omega),\ r=\\|\omega\\|_2$	$G(h)$
$r^\beta,\ \beta\in I\!R_{>0}\setminus 2I\!N$ thin–plate splines	$2^{d+\beta}\pi^{d/2}\dfrac{\Gamma(\frac{d+\beta}{2})}{\Gamma(-\frac{\beta}{2})}\,r^{-d-\beta}$	$\dfrac{\Gamma\left(\frac{d+\beta}{2}\right)}{\Gamma\left(-\frac{\beta}{2}\right)\Gamma\left(\frac{d}{2}+1\right)}\cdot\dfrac{h^\beta}{2^{2d+1}(6.3\ldots}$
$(-1)^{1+\beta/2}r^\beta\log r,\quad \beta\in 2I\!N$ thin–plate splines	$2^{d+\beta-1}\pi^{d/2}\Gamma\left(\frac{d+\beta}{2}\right)\beta!r^{-d-\beta}$	$\dfrac{\Gamma\left(\frac{d+\beta}{2}\right)}{\Gamma\left(\frac{d}{2}+1\right)}\cdot\dfrac{\beta!h^\beta}{2^{2d+2}(6.38d)^\beta}$
$(\gamma^2+r^2)^{\beta/2},\ \beta\in I\!R\setminus 2I\!N_{\geq 0}$	$\dfrac{2\pi^{d/2}}{\Gamma(-\frac{\beta}{2})}\,K_\nu(\gamma r)\left(\frac{r}{2\gamma}\right)^{-\nu}$	$c_1(\beta,d)h^\beta\exp\left(-2\gamma\frac{6.38d}{h}\right)$, $c_1(\beta,d):=\dfrac{\Gamma\left(\frac{d+\beta}{2}\right)\ldots}{\Gamma\left(-\frac{\beta}{2}\right)\Gamma\left(\frac{d}{2}+1\right)2\ldots}$
$e^{-\beta r^2},\ \beta>0$	$\left(\frac{\pi}{\beta}\right)^{d/2}e^{-r^2/4\beta}$	$\dfrac{1}{2^{2d+1}\Gamma\left(\frac{d}{2}+1\right)}\left(\dfrac{6.38d}{h\sqrt{\beta}}\right)^d\exp\ldots$
$\dfrac{2\pi^{d/2}}{\Gamma(k)}\,K_{k-d/2}(r)(r/2)^{k-d/2}$	$(1+r^2)^{-k}$	$\dfrac{h^{2k-d}}{2^{2k+2d+1}\pi^{d/2}\Gamma\left(\frac{d}{2}+1\right)}\cdot\dfrac{1}{(6.38d)\ldots}$

Table 2: These table entries explicitly contain the relevant constants, though not in