中文 beamer theme for Northwestern Polytecnical University

Yiqiang Li

Department of Applied Mathmethics

November 26, 2012

$$
\begin{cases}
\dfrac{1}{2}u(x) = \displaystyle\int_{\Gamma_y} u^*(x,y)u(y)d\Gamma(y) + \int_{\Gamma_y} \dfrac{\partial\, u^*(x,y)}{\partial\mathbf{n}}q(y)d\Gamma(y), \\[4mm]
q(x) = \sigma u^4(x) - \displaystyle\int_{\Gamma} \dfrac{\sigma}{2\pi R}u^4(y)d\Gamma(y)
\end{cases}
\tag{1}
$$

Define integral operators $\mathscr{V},\mathscr{K},\mathscr{R}$

$$
\begin{aligned}
(\mathscr{V}(u))(x) &= \int_{\Gamma} u^*(x,y)u(y)d\Gamma(y) \\[3mm]
(\mathscr{K}(q))(x) &= \int_{\Gamma_y} \frac{\partial\, u^*(x,y)}{\partial\mathbf{n}}q(y)d\Gamma(y) \\[3mm]
(\mathscr{R}(u))(x) &= \int_{\Gamma} \frac{\sigma}{2\pi R}u^4(y)d\Gamma(y)
\end{aligned}
$$

Figure: Nwpu