

$$\begin{aligned} & \frac{\partial}{\partial t} f(t, y, z) + \frac{\partial}{\partial y} g(t, y, z) \\ & + \frac{\partial}{\partial z} h(t, y, z) \\ & = Q \delta(t-a) \delta(y-b) \delta(z-c) \end{aligned}$$

$$\begin{aligned} & \varepsilon^2 \int_0^{2\pi} d\phi \int_0^\pi d\theta (\sin \theta) [\\ & \quad n^1 f(a + \varepsilon n^1, b + \varepsilon n^2, c + \varepsilon n^3) \\ & \quad + n^2 g(a + \varepsilon n^1, b + \varepsilon n^2, c + \varepsilon n^3) \\ & \quad + n^3 h(a + \varepsilon n^1, b + \varepsilon n^2, c + \varepsilon n^3)] \\ & = Q \end{aligned}$$

$\begin{aligned} n^1(\theta, \phi) &= \sin \theta \cos \phi \\ n^2(\theta, \phi) &= \sin \theta \sin \phi \\ n^3(\theta, \phi) &= \cos \theta \end{aligned}$
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