Errata : Vol. 7 No. 1

p.49 (9.49)

$$\begin{cases} \varepsilon\Delta^2\bar{g}_n^0 - \Delta\bar{g}_n^0 = \dfrac{\partial\bar{\psi}_n}{\partial t} + \varepsilon\Delta^2 w_n^0 & \mathit{in}\ \Omega, \\ \Delta(\bar{g}_n^0 - w_n^0) = \bar{g}_n^0 = 0 & \mathit{on}\ \Gamma; \end{cases}$$

$$\downarrow$$

$$\begin{cases} \varepsilon\Delta^2\bar{g}_n^0 - \Delta\bar{g}_n^0 = \dfrac{\partial\bar{\psi}_n}{\partial t}(0) + \varepsilon\Delta^2 w_n^0 & \mathit{in}\ \Omega, \\ \Delta(\bar{g}_n^0 - w_n^0) = g_n^0 = 0 & \mathit{on}\ \Gamma; \end{cases}$$

p.50 $(9.50)_1$

$$\begin{cases} -\Delta\bar{p}_n^0 + \bar{p}_n^0 = \dfrac{\partial\bar{\psi}_n}{\partial t}(0) + \Delta w_n^0 & \mathit{in}\ \Omega, \\ \bar{p}_n^0 = 0 & \mathit{on}\ \Gamma, \end{cases}$$

$$\downarrow$$

$$\begin{cases} -\varepsilon\Delta\bar{p}_n^0 + \bar{p}_n^0 = \dfrac{\partial\bar{\psi}_n}{\partial t}(0) + \Delta w_n^0 & \mathit{in}\ \Omega, \\ \bar{p}_n^0 = 0 & \mathit{on}\ \Gamma, \end{cases}$$

$(9.50)_2$

$$\begin{cases} -\varepsilon\Delta\bar{g}_n^0 = \bar{p}_n^0 - \Delta w_n^0 & \mathit{in}\ \Omega, \\ \bar{g}_n^0 = 0 & \mathit{on}\ \Gamma. \end{cases}$$

$$\downarrow$$

$$\begin{cases} -\Delta\bar{g}_n^0 = \bar{p}_n^0 - \Delta w_n^0 & \mathit{in}\ \Omega, \\ \bar{g}_n^0 = 0 & \mathit{on}\ \Gamma. \end{cases}$$

p.75

[4] R. Glowinski, C.H. Li, J.L. Lions, A numerical approach to the exact boundary controllability of the wave equation (II) Dirichlet controls: Further numerical experiments (to appear).

$$\downarrow$$

[4] R. Glowinski, C.H. Li, J.L. Lions, A numerical approach to the exact boundary controllability of the wave equation (I) Dirichlet controls: Description of the numerical methods, Japan J. Appl. Math., 7 (1990), 1–76.