NE 255 HW#3 Ethan Boado P2 2

[continut)

$$V \cdot \phi_1 + \Sigma_0 \phi_0 = S_0$$
 $V \cdot \phi_1 + \Sigma_0 \phi_0 = S_0$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_1 = \Sigma_0 \phi_1$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_1 = \Sigma_0 \phi_1$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \Sigma_0 \phi_1$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_1 = \Sigma_0 \phi_1$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0 \phi_2 = \Sigma_0 \phi_2$ 
 $V \cdot \phi_1 + \Sigma_0$ 

1) (\frac{l'+1}{2l'+1}) \frac{d}{d} \partial \quad \qquad \quad \q 1 \$1=0 } ANH = 0 or & PAH = 0 We second order form w/ Marshack bands -dx 0 do + Ea (x) \$ (x) = 5(x), OCXCX  $\frac{1}{2}\phi_{0}(0) - D\frac{\partial\phi_{0}}{\partial x}(0) = 2J^{+}(0)$ 100(X) + Doco(X) = 2J-(X) Where D= [ [ (x) ] generalize to 3-D by following Replace 1-D diffusion Operator & Dar 小部口的三部的第十部的 In the boundary conditions replace the derivative terms to voly M.V trom thee we obtain standard 3-D diffusion (Pi) equations -V. DV40(7)+50(7)40(7)=5(7), FEV もの(た)+Dみ、ひゃ=マナー(で)、たら) For add values of l', de is replaced by a verter by force I SPN equations φρ- - - - (φρ', φρ', φρ') in even Il equations demons in & repland by divergence In odd l'appatris the adentation is chaped to a gradad the allows revise thist order form of My equ p. f! + 8. do = 50 ( 21+1) PARI+ ( 121) PARI+ Et Do: = Esp de: +501 For odd &! (2014) V. Poi+1 + (2014) V. Poi-1 + Ex Poi= Esile 1+ Sei for even l'>0 Continued for spe on next page