2. 
$$A = \begin{pmatrix} 0.0 & -u_1 \cdot \sin(x_2) \\ 0.0 & u_1 \cdot \cos(x_2) \end{pmatrix}$$
 $B_0 = \begin{pmatrix} \cos(x_2) & 0 \\ \sin(x_2) & 0 \\ \tan(u_2)/2 & u_1 \cdot \tan(u_1 + 1)/2 \end{pmatrix}$ 
 $B_1 = \dot{B}_0 \cdot (0 - A_{12}) \cdot B_{C1} = \begin{pmatrix} 0 & U_1^2 \sin x_2 \cdot (\tan(u_1 + 1)/2 \\ -U_1^2 \cos x_2 \cdot (\tan(u_1 + 1)/2 \\ u_2 \cdot (\tan(u_1 + 1)/2 & u_1 \cdot (\tan(u_1 + 1)/2 + 2iu_1 \tan(u_1 + 1)/2 \end{pmatrix}$ 

obviously rounk  $(S_0 B_1) = S_1 \cdot (\sin(u_1 + 1)/2 + 2iu_1 \tan(u_1 + 1)/$