

$$D_2 \ast f_2 = \frac{df \mathbf{X}1_R}{(\varepsilon f - F\varepsilon)\Gamma \mathbf{X}e} \Big| \frac{\Gamma(\check{\varepsilon}F - f\check{\varepsilon})\check{\mathbf{X}}\check{\varepsilon}}{dF\mathbf{X}1_L}$$

$$D_2 f_2 = \frac{\mathbf{r}\mathbf{X}1_R}{\varepsilon\Gamma \mathbf{X}e} \Big| \frac{\Gamma\check{\varepsilon}\check{\mathbf{X}}\check{\varepsilon}}{\mathbf{r}\mathbf{X}1_L} \frac{f\mathbf{X}1_R}{0} \Big| \frac{0}{F\mathbf{X}1_L} = \frac{\mathbf{r}f\mathbf{X}1_R}{\varepsilon f\Gamma \mathbf{X}e} \Big| \frac{\Gamma\check{\varepsilon}F\check{\mathbf{X}}\check{\varepsilon}}{\mathbf{r}F\mathbf{X}1_L}$$

$$f_2 D_2 = \frac{f\mathbf{X}1_R}{0} \Big| \frac{0}{F\mathbf{X}1_L} \frac{\mathbf{r}\mathbf{X}1_R}{\varepsilon\Gamma \mathbf{X}e} \Big| \frac{\Gamma\check{\varepsilon}\check{\mathbf{X}}\check{\varepsilon}}{\mathbf{r}\mathbf{X}1_L} = \frac{f\mathbf{r}\mathbf{X}1_R}{F\varepsilon\Gamma \mathbf{X}e} \Big| \frac{\Gamma f\check{\varepsilon}\check{\mathbf{X}}\check{\varepsilon}}{F\mathbf{r}\mathbf{X}1_L}$$

$$\mathbf{r}f - f\mathbf{r} = df: \quad \mathbf{r}F - F\mathbf{r} = dF$$

$$\Gamma f = f\Gamma$$

$$\begin{aligned} & \frac{\mathbf{r}\mathbf{X}1_R}{\Gamma \mathbf{X}e} \Big| \frac{\Gamma\check{\mathbf{X}}\check{\varepsilon}}{\mathbf{r}\mathbf{X}1_L} \frac{f\mathbf{X}1_R}{0} \Big| \frac{0}{f_L\mathbf{X}1_L} - \frac{f\mathbf{X}1_R}{0} \Big| \frac{0}{f_L\mathbf{X}1_L} \frac{\mathbf{r}\mathbf{X}1_R}{\Gamma \mathbf{X}e} \Big| \frac{\Gamma\check{\mathbf{X}}\check{\varepsilon}}{\mathbf{r}\mathbf{X}1_L} = \\ & \frac{\mathbf{r}f\mathbf{X}1_R}{\Gamma f_R\mathbf{X}e} \Big| \frac{\Gamma f_L\check{\mathbf{X}}\check{\varepsilon}}{\mathbf{r}f_L\mathbf{X}1_L} - \frac{f\mathbf{r}\mathbf{X}1_R}{f_L\Gamma \mathbf{X}e} \Big| \frac{f\mathbf{r}\check{\mathbf{X}}\check{\varepsilon}}{f_L\mathbf{r}\mathbf{X}1_L} = \frac{df\mathbf{X}1_R}{f_{RL}\Gamma \mathbf{X}e} \Big| \frac{\Gamma f_{LR}\check{\mathbf{X}}\check{\varepsilon}}{df_L\mathbf{X}1_L} \\ dp = & \frac{\mathbf{r}\mathbf{X}1_R}{\Gamma \mathbf{X}e} \Big| \frac{\Gamma\check{\mathbf{X}}\check{\varepsilon}}{\mathbf{r}\mathbf{X}1_L} \frac{0}{0} \Big| \frac{0}{I\mathbf{X}1_L} - \frac{0}{0} \Big| \frac{0}{I\mathbf{X}1_L} \frac{\mathbf{r}\mathbf{X}1_R}{\Gamma \mathbf{X}e} \Big| \frac{\Gamma\check{\mathbf{X}}\check{\varepsilon}}{\mathbf{r}\mathbf{X}1_L} = \frac{0}{-\Gamma \mathbf{X}e} \Big| \frac{\Gamma\check{\mathbf{X}}\check{\varepsilon}}{0} \end{aligned}$$