$$\left(\frac{3}{4}\right)\left\{\frac{3}{4}\right\}$$

$$r(x)=\left.\begin{aligned}&\frac{a_{11}}{x-\lambda_1}+\frac{a_{12}}{(x-\lambda_1)^2}+\ldots+\frac{a_{1n_1}}{(x-\lambda_1)^{n_1}}+\ldots\\&+\frac{a_{r1}}{x-\lambda_r}+\frac{a_{r2}}{(x-\lambda_r)^2}+\ldots+\frac{a_{rn_r}}{(x-\lambda_r)^{n_r}}+\end{aligned}\right\}\mathbb{R}$$

$$\left.\begin{aligned}&+\frac{\alpha_{11}x+\beta_{11}}{x^2+A_1x+B_1}+\frac{\alpha_{12}x+\beta_{12}}{(x^2+A_1x+B_1)^2}+\ldots+\frac{\alpha_{1m_1}x+\beta_{1m_1}}{(x^2+A_1x+B_1)^{m_1}}+\ldots\\&+\frac{\alpha_{s1}x+\beta_{s1}}{x^2+A_sx+B_s}+\frac{\alpha_{s2}x+\beta_{s2}}{(x^2+A_sx+B_s)^2}+\ldots+\frac{\alpha_{sm_s}x+\beta_{sm_s}}{(x^2+A_sx+B_s)^{m_s}}+\ldots\end{aligned}\right\}\mathbb{C}$$