

$$\overline{a_k} = \frac{(\eta^+ + \eta^- C_f) + \zeta \operatorname{Re}(z)(\eta^{\operatorname{Re}} D_f + \eta^{\operatorname{Im}} S_f)}{+\operatorname{Im}(z)(\eta^{\operatorname{Im}} D_f - \eta^{\operatorname{Re}} S_f)}$$

$$b_k = (\eta^{\operatorname{Re}} D_f + \eta^{\operatorname{Im}} S_f) + \operatorname{Re}(z)(\zeta^+ + \zeta^- C_f)$$

$$c_k = \zeta(\eta^- + \eta^+ C_f) - \zeta \operatorname{Re}(z)(\eta^{\operatorname{Re}} D_f + \eta^{\operatorname{Im}} S_f) \\ - \operatorname{Im}(z)(\eta^{\operatorname{Im}} D_f - \eta^{\operatorname{Re}} S_f)$$

$$d_k = \zeta(\eta^{\operatorname{Im}} D_f - \eta^{\operatorname{Re}} S_f) + \operatorname{Im}(z)(\zeta^+ + \zeta^- C_f)$$