(2.29)

$$B_1 = \begin{pmatrix} 1 & & & \\ & 1 & & \\ & & c & \\ & & & c \end{pmatrix}, \quad B_2 = \begin{pmatrix} 1 & & & \\ & d & & \\ & & 1 & \\ & & & d \end{pmatrix},$$

$$B_3 = \begin{pmatrix} 1 - \frac{(a-1)(b-1)}{(c-1)(d-1)ab} & 1 & 1 & 1 \\ -\frac{(a-1)(b-1)(ad-1)(bd-1)}{(c-1)^2(d-1)^2a^2b^2d} & 1 + \frac{(ad-1)(bd-1)}{(c-1)(d-1)abd} & \frac{(ad-1)(bd-1)}{(c-1)(d-1)abd} & \frac{(ad-1)(bd-1)}{(c-1)(d-1)abd} \\ -\frac{(a-1)(b-1)(ac-1)(bc-1)}{(c-1)^2(d-1)^2a^2b^2c} & \frac{(ac-1)(bc-1)}{(c-1)(d-1)abc} & 1 + \frac{(ac-1)(bc-1)}{(c-1)(d-1)abc} & \frac{(ac-1)(bc-1)}{(c-1)(d-1)abc} \\ \frac{(a-1)(b-1)(acd-1)(bcd-1)}{(c-1)^2(d-1)^2a^2b^2cd} & -\frac{(acd-1)(bcd-1)}{(c-1)(d-1)abcd} & -\frac{(acd-1)(bcd-1)}{(c-1)(d-1)abcd} & 1 - \frac{(acd-1)(bcd-1)}{(c-1)(d-1)abcd} \end{pmatrix},$$

$$B_4 = \begin{pmatrix} 1 - \frac{(a-1)(b-1)c}{c-1} & 0 & (d-1)ab & 0 \\ 0 & \frac{-abcd^2+acd+bcd-1}{(c-1)d} & 0 & -\frac{(ad-1)(bd-1)}{(c-1)d} \\ -\frac{(a-1)(b-1)(ac-1)(bc-1)}{(c-1)^2(d-1)ab} & 0 & \frac{abc-a-b+1}{c-1} & 0 \\ 0 & \frac{(acd-1)(bcd-1)}{(c-1)d} & 0 & \frac{abcd^2-ad-bd+1}{(c-1)d} \end{pmatrix}.$$

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