$$-1|1_{\underset{m}{\overset{2}{\triangle}}}\mathbb{C} \overset{\mathcal{F}}{\longleftarrow} -1|1_{\underset{m}{\overset{2}{\triangle}}}\mathbb{C}$$

$${}^{x}\overbrace{\mathcal{F}\daleth} = x\overbrace{1-x}\ \underline{\underline{\daleth}} + \left(c-(a+b+1)\,x\right)\ \underline{\daleth} = ab\daleth \text{ Gauss}$$

$$\underset{c}{\overset{a|b}{\boxed{z}}} = \sum_{n}^{\mathbb{N}} \frac{(a)_n (b)_n}{(c)_n} \frac{z^n}{n!}$$

$$\underset{c}{\overset{a|b}{\boxed{z}}} = \overbrace{1-z}^{c-a-b}\ \underset{c}{\overset{c-a|c-b}{\boxed{z}}} = \overbrace{1-z}^{-a}\ \underset{c}{\overset{a|c-b}{\boxed{\frac{z}{z-1}}}} = \overbrace{1-z}^{-b}\ \underset{c}{\overset{c-a|b}{\boxed{\frac{z}{z-1}}}}$$

$$\underset{a+b+1-c}{\overset{a|b}{\boxed{1-z}}} = z_{\overbrace{1-c}}\ \underset{a+b+1-c}{\overset{a+1-c|b+1-c}{\boxed{1-z}}} = z_{-a}\ \underset{a+b+1-c}{\overset{a|a+1-c}{\boxed{1-z^{-1}}}} = z_{-b}\ \underset{a+b+1-c}{\overset{b+1-c|b}{\boxed{1-z^{-1}}}}$$

$$\overset{-a}{(-z)}\ \underset{a+1-b}{\overset{a|a+1-c}{\boxed{z^{-1}}}} = \overset{b-c}{(-z)}\ \overbrace{1-z}^{c-a-b}\ \underset{a+1-b}{\overset{1-b|c-b}{\boxed{z^{-1}}}} = \overbrace{1-z}^{-a}\ \underset{a+1-b}{\overset{a|c-b}{\boxed{\frac{1}{1-z}}}} = \overset{1-c}{(-z)}\ \overbrace{1-z}^{c-a-1}\ \underset{a+1-b}{\overset{a+1-c\_|b}{\boxed{\frac{1}{1-z}}}} = \overset{1-c}{(-z)}\ \overbrace{1-z}^{c-a-1}\ \underset{a+1-b}{\overset{a+1-c\_|b}{\boxed{\frac{1}{1-z}}}}$$

$$\overset{-b}{(-z)}\ \underset{b+1-a}{\overset{b+1-c|b}{\boxed{z^{-1}}}} = \overset{a-c}{(-z)}\ \overbrace{1-z}^{c-a-b}\ \underset{b+1-a}{\overset{1-a|c-a}{\boxed{z^{-1}}}} = \overbrace{1-z}^{-b}\ \underset{b+1-a}{\overset{b|c-a}{\boxed{\frac{1}{1-z}}}} = \overset{1-c}{(-z)}\ \overbrace{1-z}^{c-b-1}\ \underset{b+1-a}{\overset{b+1-c\_|a}{\boxed{\frac{1}{1-z}}}}$$

$$z^{1-c}\ \underset{2-c}{\overset{a+1-c|b+1-c}{\boxed{z}}} = z^{1-c}\ \overbrace{1-z}^{c-a-b}\ \underset{2-c}{\overset{1-a\_|b}{\boxed{z}}} = z^{1-c}\ \overbrace{1-z}^{c-a-1}\ \underset{2-c}{\overset{a+1-c\_|b}{\boxed{\frac{z}{z-1}}}} = z^{1-c}\ \overbrace{1-z}^{c-b-1}\ \underset{2-c}{\overset{b+1-c\_|a}{\boxed{\frac{z}{z-1}}}}$$

$$\overbrace{1-z}^{c-a-b}\ \underset{c+1-a-b}{\overset{c-a|c-b}{\boxed{1-z}}} = z^{1-c}\ \overbrace{1-z}^{c-a-b}\ \underset{c+1-a-b}{\overset{1-a\_|b}{\boxed{1-z}}} = z^{a-c}\ \overbrace{1-z}^{c-a-b}\ \underset{c+1-a-b}{\overset{c-a\_|a}{\boxed{1-z^{-1}}}} = z^{b-c}\ \overbrace{1-z}^{c-a-b}\ \underset{c+1-a-b}{\overset{c-b\_|b}{\boxed{1-z^{-1}}}}$$

$$\underset{a+b+\ 1/2}{\overset{a|b}{\boxed{z}}} = \underset{a+b+\ 1/2}{\overset{2a|_b}{\boxed{\frac{1-\sqrt{1-z}}{2}}}} = \left(\frac{1+\sqrt{1-z}}{2}\right)^{-2a} \underset{a+b+\ 1/2}{\overset{2a|a-b+\ 1/2}{\boxed{\frac{\sqrt{1-z}-1}{\sqrt{1-z}+1}}}}$$

$$\sqrt{1-z}\ \underset{a+b-\ 1/2}{\overset{a|b}{\boxed{z}}} = \underset{a+b-\ 1/2}{\overset{2a-1|_b-1}{\boxed{\frac{1-\sqrt{1-z}}{2}}}} = \left(\frac{1+\sqrt{1-z}}{2}\right)^{1-2a} \underset{a+b-\ 1/2}{\overset{2a-1|a-b+\ 1/2}{\boxed{\frac{\sqrt{1-z}-1}{\sqrt{1-z}+1}}}}$$

$$\underset{c}{\overset{a|a+\ 1/2}{\boxed{z}}} = \overbrace{1-z}^{-a}\ \underset{c}{\overset{2a|_{c}-2a-1}{\boxed{\frac{1-\sqrt{1-z}^{\,-1}}{2}}}} = \overset{-2a}{(1+\sqrt{z})}\ \underset{2c-1}{\overset{2a|c-\ 1/2}{\boxed{\frac{2\sqrt{z}}{1+\sqrt{z}}}}}$$

$$\underset{a+b+\ 1/2}{\overset{2a|_{b}}{\boxed{z}}} = \underset{a+b+\ 1/2}{\overset{a|b}{\boxed{4z\overbrace{1-z}}}} = \overbrace{1-2z}\ \underset{a+b+\ 1/2}{\overset{a+\ 1/2|b+\ 1/2}{\boxed{4z\overbrace{1-z}}}} = \overbrace{1-2z}^{-a/2}\ \underset{a+b+\ 1/2}{\overset{a|a+\ 1/2}{\boxed{\frac{4z\overbrace{1-z}}{(2z-1)^{2}}}}}$$

$$\overbrace{1-z}^{1-2c}\ \underset{2c}{\overset{2a|_{-a}}{\boxed{z}}} = \underset{2c}{\overset{c-a|c+a-\ 1/2}{\boxed{4z\overbrace{1-z}}}} = \overbrace{1-2z}\ \underset{2c}{\overset{c+a|c-a+\ 1/2}{\boxed{4z\overbrace{1-z}}}} = \overbrace{1-2z}^{2a-2c}\ \underset{2c}{\overset{c-a|c-a+\ 1/2}{\boxed{\frac{4z\overbrace{1-z}}{\overbrace{1-2z}^{2}}}}}$$

$$\underset{2b}{\overset{2a|b}{\boxed{z}}} = \overbrace{1-z}^{-a}\ \underset{b+\ 1/2}{\overset{a|b-a}{\boxed{\frac{z^{2}}{4\,(z-1)}}}} = \overbrace{1-\frac{z}{2}}\ \overbrace{1-z}^{-a-\ 1/2}\ \underset{b+\ 1/2}{\overset{b-a+\ 1/2|a+\ 1/2}{\boxed{\frac{z^{2}}{4\,(z-1)}}}} = \overbrace{1-\frac{z}{2}}^{-2a}\ \underset{b+\ 1/2}{\overset{a|a+\ 1/2}{\boxed{\frac{z}{2-z}^{\,2}}}} = \overbrace{1-z}^{b-2a}\ \overbrace{1-\frac{z}{2}}^{2a-2b}\ \underset{b+\ 1/2}{\overset{b-a|b-a+\ 1/2}{\boxed{\frac{z}{2-z}^{\,2}}}}$$

$$= \overbrace{1-z}^{-a}\ \underset{b+\ 1/2}{\overset{2a|_{b}-2a}{\boxed{\frac{\overbrace{1-\sqrt{1-z}}^{2}}{-4\sqrt{1-z}}}}} = \left(\frac{1+\sqrt{1-z}}{2}\right)^{-4a}\ \underset{b+\ 1/2}{\overset{2a|_{a}-b+\ 1/2}{\boxed{\frac{1-\sqrt{1-z}^{\,2}}{1+\sqrt{1-z}}}}}$$

$$\underset{2a-b+1}{\overset{2a|b}{\boxed{z}}} = \overbrace{1-z}^{-2a}\ \underset{2a-b+1}{\overset{a|a-b+\ 1/2}{\boxed{\frac{-4z}{\overbrace{1-z}^{2}}}}} = (1+z)\ \overbrace{1-z}^{-2a-1}\ \underset{2a-b+1}{\overset{a+\ 1/2|a-b+1}{\boxed{\frac{-4z}{\overbrace{1-z}^{2}}}}} = \overset{-2a}{(1+z)}\ \underset{2a-b-1}{\overset{a|a+\ 1/2}{\boxed{\frac{4z}{(1+z)^{2}}}}} = \overbrace{1-z}^{1-2b}\ \overset{2b-2a-1}{(1+z)}\ \underset{2a-b+1}{\overset{a-b+\ 1/2|a-b+1}{\boxed{\frac{4z}{(1+z)^{2}}}}}$$

$$= \overset{-4a}{(1+\sqrt{z})}\ \underset{4a-2b+1}{\overset{2a|_{a}-b+\ 1/2}{\boxed{\frac{4\sqrt{z}}{(1+\sqrt{z})^{2}}}}}$$

$$\underset{c}{\overset{a|b}{\boxed{z}}} = \underset{b|c-a}{\overset{b-a|c}{\square}}\ \overset{-a}{(-z)}\ \underset{1+a-b}{\overset{a_{+}|a-c}{\boxed{z^{-1}}}} + \underset{a|c-b}{\overset{a-b|c}{\square}}\ \overset{-b}{(-z)}\ \underset{1+b-a}{\overset{b_{+}|b-c}{\boxed{z^{-1}}}}$$

$$\underset{2b}{\overset{a|b}{\boxed{\frac{4z}{(1+z)^{2}}}}} = \overset{2a}{(1+z)}\ \underset{b+\ 1/2}{\overset{a|a-b+\ 1/2}{\boxed{z^{2}}}}$$

$$\boxed{z}^{2a|b}_{1+2a-b} = \overbrace{1-z}^{-2a} \boxed{-\frac{4z}{\overbrace{1-z}^{2}}}^{a|a-b+\ 1/2}_{1-2a+b}$$

$$\boxed{\frac{z+1}{2}}^{2a|_{b}}_{a+b+\ 1/2} = {}^{a+b+\ 1/2|\ 1/2}_{a+\ 1/2|b+\ 1/2}\square\ \boxed{z^2}^{a|b}_{1/2} - {}^{a+b+\ 1/2|-\ 1/2}_{a|b}\square\ z\ \boxed{z^2}^{a+\ 1/2|b+\ 1/2}_{3/2}$$

$$\boxed{z}^{a-1|b}_{c} - \boxed{z}^{a|b-1}_{c} = \frac{a-b}{c} z \boxed{z}^{a|b}_{c+1}$$