$$^{-1|1}\underset{m}{\overset{2}{\triangle}}\mathbb{C}$$

$$dx\,\overbrace{1-x}^{\alpha}\;\overbrace{1+x}^{\beta}$$

$$^{-1|1}\underset{m}{\overset{2}{\triangle}}\mathbb{C} \leftarrow {}^{-1|1}\underset{m}{\overset{2}{\triangle}}\mathbb{C}$$

$$\left(1-x^{2}\right)\,\underline{\underline{\text{ɿ}}}+\overbrace{\beta-\alpha-\underbrace{\alpha+\beta+2}x}\,\underline{\text{ɿ}}+n\,(n+\alpha+\beta+1)\,\text{ɿ}=0\ \text{Jac}$$

$$\underset{\alpha+1}{\overset{-n|n+\alpha+\beta+1}{\boxed{\frac{1-x}{2}}}} = (-1)^{n}\,\underset{\beta+1|n+\alpha+1}{\overset{\alpha+1|n+\beta+1}{\square}}\,\underset{\beta+1}{\overset{-n|n+\alpha+\beta+1}{\boxed{\frac{1+x}{2}}}} = \left(\frac{1+x}{2}\right)^{n}\underset{\alpha+1}{\overset{-n|-n-\beta}{\boxed{\frac{x-1}{x+1}}}} = \underset{\beta+1|n+\alpha+1}{\overset{\alpha+1|n+\beta+1}{\square}}\left(\frac{x-1}{2}\right)^{n}\underset{\beta+1}{\overset{-n|-n-\alpha}{\boxed{\frac{x+1}{x-1}}}} = {}^{x}P_{n}^{\alpha|\beta}$$

$$\overbrace{x-1}^{-n-\alpha-1}\;\overbrace{x+1}^{-\beta}\;\underset{2n+\alpha+\beta+2}{\overset{n+1|n+\alpha+1}{\boxed{\frac{2}{1-x}}}} = {}^{x}Q_{n}^{\alpha|\beta}$$