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-- 1.29. (2)
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$$\frac{1}{(1)} y \left[\ln \right] = \begin{cases} \frac{\times \left[\ln \right] \times \left[\ln - 2 \right]}{\times \left[\ln - 2 \right]} & \times \left[\ln - 1 \right] \neq 0 \\ 0 & \times \left[\ln - 4 \right] = 0 \end{cases}$$

$$\frac{\times [\ln] \times [\ln -2]}{\times [\ln -4]} \neq -\frac{\times [\ln] \times [\ln -2]}{\times [\ln -4]} \Rightarrow$$

$$\Rightarrow \times [\ln] \times [\ln -2] \neq \times [\ln] \times [\ln -2]$$

$$\frac{1}{2} \int_{-1}^{2} \int_{-1}^{2}$$

$$+ \begin{cases} \frac{(-8[0+1])(-8[-2+1])}{(-8[-1+1])} & \text{if } -8[-1+1] \neq 0 \\ 0 & \text{otherwise} \end{cases}$$

$$= \begin{cases} \frac{1\cdot1}{4} & \text{if } 1\neq 0 \\ 0 & \text{otherwise} \end{cases} \begin{cases} 0 & \text{if } -1\neq 0 \\ 0 & \text{otherwise} \end{cases} = 1 \neq y'[0] \Rightarrow \text{not additive} \end{cases}$$

$$x'[n] = \alpha \times [n] \Rightarrow y'[n] = \begin{cases} \alpha \times [n] \times [n-2] & \text{if } \alpha \times [n-2] \\ \text{otherwise} \end{cases} \neq 0$$

$$\text{otherwise}$$

$$\alpha \times [n] = \alpha \cdot \begin{cases} \frac{\times [n] \cdot \alpha \times [n-2]}{\times [n-1]} & \text{if } x (n-1) \neq 0 \end{cases}$$

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 $\alpha y \ln J = \alpha \cdot \begin{cases} \frac{\times \ln J \cdot \alpha \times \ln - 2J}{\times \ln - 1J} & \text{if } \times \ln - 1J \neq 0 \\ 0 & \text{otherwise} \end{cases} = \begin{cases} \frac{\alpha \times \ln J \times \ln - 2J}{\times \ln - 2J} & \text{if } \times \ln - 2J \neq 0 \\ \alpha \cdot 0 & \text{otherwise} \end{cases} = \begin{cases} \frac{\alpha \times \ln J \times \ln - 2J}{\times \ln - 2J} & \text{if } \times \ln - 2J \neq 0 \\ \alpha \cdot 0 & \text{otherwise} \end{cases}$