

الف) $y = \sqrt{(x-r)(x-r)}$
 $x-r=0 \rightarrow x=r$ $\hookrightarrow [x] \cdot r = 0 \rightarrow [x] = r \rightarrow r \leq x < r+1$

$\frac{1}{s} \xrightarrow{\text{Laplace}} \frac{1}{s} \rightarrow D_f = \mathbb{R} \checkmark$

$$\hookrightarrow y_2 = \sqrt{|n-1|} [x - \frac{1}{2}]$$

$$\begin{array}{ccccccc} & & 1 & & 3 & & 5 \\ & & | & & | & & | \\ - & \phi & - & \phi & 0 & + & + \end{array}$$

$$D_f = \{1\} \cup [1, +\infty)$$

2

3

2

4

2

2

G

1