2020 年高考数学试题中的应用题评析

Logistic

$$( )$$

Logistic $( )=\dfrac{1}{1+e^{-0.23(-53)}}$ $\left({}^{*}\right)=0.95$

* $\ln 19 \approx 3$

A 60   B 63   C 66   D 69

$= {}^{*}$ $( )=\dfrac{1}{1+ {}^{-0.23(-53)}}$ $\left({}^{*}\right)=0.95$ *

${}_{1}\ {}_{2}\cdots\ \cdots$ $\in\{0,1\}(=1,2,\cdots)$ ${}_{+} = (=1,2,\cdots)$

${}_{+} = (=1,2,\cdots)$

${}_{1}\ {}_{2}\cdots\ \cdots$ $( )=\dfrac{1}{ }\displaystyle\sum_{ =1} {}_{+} (=1,2,\cdots, -1)$

$( )$ $\dfrac{1}{5}(=1,2,3,4)$

A 11010⋯   B 11011⋯   C 10001⋯   D 11001⋯

$( )=\dfrac{1}{5}\displaystyle\sum_{ =1}^{5} {}_{+} ,\ =1,2,3,4$