Answer on Question#38161 – Math - Other

(C) $\{wxw^R|x, w \in (0,1)^+\}$

This is merely the language where the strings are either $0w0$, $1w1$ where w is any string in $\{0,1\}^*$. The remaining are standard palindrome languages:

for (A) intersect with 0^*110^* and apply the pumping lemma;

for (B) intersect with 0^*110^*1 and apply the pumping lemma;

for (D) intersect with 10^*110^* and apply the pumping lemma.