Funzione

mercoledì 27 aprile 2022

12:20

within AES\_project\_2021\_2022;

function Notte

input Real time;

output Real R;

algorithm

for i in loop

when time<=8 and time>=22 then R=0 else R=1 end when;

end for;

end Notte;

within AES\_project\_2021\_2022;

function Notte

input Real time;

output Real R;

algorithm

when ((time<=8 and time>=22) or (time<=32 and time>=46) or (time<=56 and time>=70) or (time<=80 and time>=94) or (time<=104 and time>=118) or (time<=128 and time>=142) or (time<=152 and time>=166) or (time<=176 and time>=190) or (time<=200 and time>=214)or (time<=224 and time>=238)) then R=0 else R=1 end when;

end Notte;

within AES\_project\_2021\_2022;

function Notte

input Real time;

output Real R;

algorithm

if ((time<=8 and time>=22) or (time<=32 and time>=46) or (time<=56 and time>=70) or (time<=80 and time>=94) or (time<=104 and time>=118) or (time<=128 and time>=142) or (time<=152 and time>=166) or (time<=176 and time>=190) or (time<=200 and time>=214)or (time<=224 and time>=238)) then R:=0; end if;

end Notte;

Nella chiamata metto AES\_project\_2021\_2022.NotteGiorno(time)

within AES\_project\_2021\_2022;

function NotteGiorno

input Real time;

input Real gg;

output Real R;

algorithm

if gg>1 then time:=time/gg; end if;

if (time<=8 and time>=22) then R:=0; end if;

end NotteGiorno;

within AES\_project\_2021\_2022;

function NotteGiorno

input Integer t;

output Integer R;

protected

Real hour:=t/3600;

Real gg:=hour/24;

Real hourloc:=hour-gg\*24;

algorithm

if (hourloc<=8 and hourloc>=22) then R:=0; end if;

end NotteGiorno;

if time >= 28800 or time <= 79200 or time >= 115200 or time <= 165600 or time >= 201600 or time <= 252000 or time >= 288000 or time <= 338400 or time >= 374400 or time <= 424800 or time >= 460800 or time <= 511200 or time >= 547200 or time <= 597600 or time >= 633600 or time <= 684000 or time >= 720000 or time <= 770400 or time >= 806400 or time <= 856800 then false else true