



$$\begin{aligned}
& \text{repeatedly try to enter meeting place for } \textit{chameneoses} \text{ that are not faded yet} \\
\textit{Next} & \triangleq \wedge \exists c \in \{x \in \textit{ChameneosID} : \textit{chameneoses}[x][1] \neq \textit{Faded}\} : \textit{Meet}(c) \\
\textit{Spec} & \triangleq \textit{Init} \wedge \Box[\textit{Next}]_{\textit{vars}} \\
\textit{SumMet} & \triangleq \textit{numMeetings} = N \Rightarrow \text{LET } f[c \in \textit{ChameneosID}] \triangleq \textit{chameneoses}[c][2] \\
& \quad \text{IN } \textit{Sum}(f, \textit{ChameneosID}) = 2 * N
\end{aligned}$$


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