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\begin{array}{l} \operatorname{proc\ ralentizar\ (inout\ r:\ reunion,\ in\ prof:\ \mathbb{Z},\ in\ freq:\ \mathbb{Z})\ \left\{ \\ \operatorname{Pre}\ \left\{ esReuni\acute{o}nV\acute{a}lidaAux(r,prof,freq)\land r_0=r\right\} \\ \operatorname{Post}\ \left\{ \\ esReuni\acute{o}nV\acute{a}lidaAux(r,prof,freq)\land_L \\ |r|=|r_0|\land_L \\ lasSe\~{n}alesTienenElDobleDeMuestras(r,r_0)\land_L \\ promedioEntrePares(r,r_0)\right\} \\ \right\} \\ \\ \operatorname{pred\ lasSe\~{n}alesTienenElDobleDeMuestras\ (r:\ reunion,\ r_0:reunion)} \left\{ \\ (\forall i:\mathbb{Z})\ 0 \leq i < |r_0| \longrightarrow_L (2 \cdot |r_0[i]_0|) = (|r[i]_0|+1)\right\} \\ \operatorname{pred\ promedioEntrePares\ (r:\ reunion,\ r_0:reunion)} \left\{ \\ (\forall i:\mathbb{Z})\ 0 \leq i < |r| \longrightarrow_L (\\ (\exists j:\mathbb{Z})\ 0 \leq j < |r_0| \land_L (r[i]_1 = r_0[j]_1) \land_L (\\ (\forall q:\mathbb{Z})\ 0 \leq q < |r[i]_0| \longrightarrow_L \\ \operatorname{if\ } esPar(q)\ \operatorname{then\ } r[j]_0[q] = r_0[i]_0[\frac{q}{2}]\ \operatorname{else\ } r[j]_0[q] = \frac{r_0[i]_0[\frac{q-1}{2}] + r_0[i]_0[\frac{q+1}{2}]}{2}\ \operatorname{fi\ })\ )\ \right\} \\ \end{aligned}
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