# TOKYO TUB: TATSUMI -> OTEMACHI

${}_{g}Y23_{h}^{f}$

f = función evaluación
g = coste (diferencia) de ir desde el estado inicial hasta el actual
h = heurística: estimación del costo de ir del estado actual a la solución

E = {}
F = {${}_{0}Y23_{7}^{7}$}

E = {${}_{0}Y23_{7}^{7}$}
F = {${}_{1}Y22_{6}^{7}$(Y23), ${}_{1}Y24_{8}^{9}$(Y23)}

E = {${}_{0}Y23_{7}^{7}$, ${}_{1}Y22_{6}^{7}$(Y23)}
F = {${}_{1}Y24_{8}^{9}$(Y23), ${}_{5}E19_{5}^{10}$(Y22), ${}_{2}Y21_{5}^{7}$(Y22)}

E = {${}_{0}Y23_{7}^{7}$, ${}_{1}Y22_{6}^{7}$(Y23), ${}_{2}Y21_{5}^{7}$(Y22)}
F = {${}_{1}Y24_{8}^{9}$(Y23), ${}_{5}E19_{5}^{10}$(Y22), ${}_{3}Y20_{4}^{7}$(Y21), ${}_{4}E16_{5}^{9}$(Y21)}

E = {${}_{0}Y23_{7}^{7}$, ${}_{1}Y22_{6}^{7}$(Y23), ${}_{2}Y21_{5}^{7}$(Y22), ${}_{3}Y20_{4}^{7}$(Y21)}
F = {${}_{1}Y24_{8}^{9}$(Y23), ${}_{5}E19_{5}^{10}$(Y22), ${}_{4}E16_{5}^{9}$(Y21), ${}_{4}Y19_{3}^{7}$(Y20), ${}_{5}H11_{5}^{10}$(Y20)}

E = {${}_{0}Y23_{7}^{7}$, ${}_{1}Y22_{6}^{7}$(Y23), ${}_{2}Y21_{5}^{7}$(Y22), ${}_{3}Y20_{4}^{7}$(Y21), ${}_{4}Y19_{3}^{7}$(Y20)}
F = {${}_{1}Y24_{8}^{9}$(Y23), ${}_{5}E19_{5}^{10}$(Y22), ${}_{4}E16_{5}^{9}$(Y21), ${}_{5}H11_{5}^{10}$(Y20), ${}_{5}Y18_{2}^{7}$(Y19), ${}_{6}M16_{2}^{8}$(Y19), ${}_{6}H09_{3}^{9}$(Y19), ${}_{6}G09_{3}^{9}$(Y19)}

E = {${}_{0}Y23_{7}^{7}$, ${}_{1}Y22_{6}^{7}$(Y23), ${}_{2}Y21_{5}^{7}$(Y22), ${}_{3}Y20_{4}^{7}$(Y21), ${}_{4}Y19_{3}^{7}$(Y20), ${}_{5}Y18_{2}^{7}$(Y19)}
F = {${}_{1}Y24_{8}^{9}$(Y23), ${}_{5}E19_{5}^{10}$(Y22), ${}_{4}E16_{5}^{9}$(Y21), ${}_{5}H11_{5}^{10}$(Y20), ${}_{6}M16_{2}^{8}$(Y19), ${}_{6}H09_{3}^{9}$(Y19), ${}_{6}G09_{3}^{9}$(Y19), ${}_{7}M17_{1}^{8}$(Y18), ${}_{8}A10_{5}^{13}$(Y18), ${}_{7}I08_{1}^{8}$(Y18), ${}_{7}C09_{2}^{9}$(Y18), ${}_{7}H08_{2}^{9}$(Y18)}

E = {${}_{0}Y23_{7}^{7}$, ${}_{1}Y22_{6}^{7}$(Y23), ${}_{2}Y21_{5}^{7}$(Y22), ${}_{3}Y20_{4}^{7}$(Y21), ${}_{4}Y19_{3}^{7}$(Y20), ${}_{5}Y18_{2}^{7}$(Y19), ${}_{6}M16_{2}^{8}$(Y19)}
F = {${}_{1}Y24_{8}^{9}$(Y23), ${}_{5}E19_{5}^{10}$(Y22), ${}_{4}E16_{5}^{9}$(Y21), ${}_{5}H11_{5}^{10}$(Y20), ${}_{6}H09_{3}^{9}$(Y19), ${}_{6}G09_{3}^{9}$(Y19), ${}_{7}M17_{1}^{8}$(Y18), ${}_{8}A10_{5}^{13}$(Y18), ${}_{7}I08_{1}^{8}$(Y18), ${}_{7}C09_{2}^{9}$(Y18), ${}_{7}H08_{2}^{9}$(Y18), ${}_{7}M17_{1}^{8}$(M16), ${}_{7}M15_{4}^{11}$(M16), ${}_{8}H09_{5}^{13}$(M16), ${}_{8}G09_{4}^{12}$(M16)}

E = {${}_{0}Y23_{7}^{7}$, ${}_{1}Y22_{6}^{7}$(Y23), ${}_{2}Y21_{5}^{7}$(Y22), ${}_{3}Y20_{4}^{7}$(Y21), ${}_{4}Y19_{3}^{7}$(Y20), ${}_{5}Y18_{2}^{7}$(Y19), ${}_{6}M16_{2}^{8}$(Y19), ${}_{7}M17_{1}^{8}$(Y18)}
F = {${}_{1}Y24_{8}^{9}$(Y23), ${}_{5}E19_{5}^{10}$(Y22), ${}_{4}E16_{5}^{9}$(Y21), ${}_{5}H11_{5}^{10}$(Y20), ${}_{6}H09_{3}^{9}$(Y19), ${}_{6}G09_{3}^{9}$(Y19), ${}_{8}A10_{5}^{13}$(Y18), ${}_{7}I08_{1}^{8}$(Y18), ${}_{7}C09_{2}^{9}$(Y18), ${}_{7}H08_{2}^{9}$(Y18), ${}_{7}M17_{1}^{8}$(M16), ${}_{7}M15_{4}^{11}$(M16), ${}_{8}H09_{5}^{13}$(M16), ${}_{8}G09_{4}^{12}$(M16), ${}_{8}M18_{0}^{8}$(M17)}

E = {${}_{0}Y23_{7}^{7}$, ${}_{1}Y22_{6}^{7}$(Y23), ${}_{2}Y21_{5}^{7}$(Y22), ${}_{3}Y20_{4}^{7}$(Y21), ${}_{4}Y19_{3}^{7}$(Y20), ${}_{5}Y18_{2}^{7}$(Y19), ${}_{6}M16_{2}^{8}$(Y19), ${}_{7}M17_{1}^{8}$(Y18), ${}_{7}I08_{1}^{8}$(Y18)}

F = {$_{1}Y24_{8}^{9}$(Y23), $_{5}E19_{5}^{10}$(Y22), $_{4}E16_{5}^{9}$(Y21), $_{5}H11_{5}^{10}$(Y20), $_{6}H09_{3}^{9}$(Y19), $_{6}G09_{3}^{9}$(Y19), $_{8}A10_{5}^{13}$(Y18), $_{7}C09_{2}^{9}$(Y18), $_{7}H08_{2}^{9}$(Y18), $_{7}M17_{1}^{8}$(M16), $_{7}M15_{4}^{11}$(M16), $_{8}H09_{5}^{13}$(M16), $_{8}G09_{4}^{12}$(M16), $_{8}M18_{0}^{8}$(M17), $_{8}I09_{0}^{8}$(I08), $_{8}I07_{2}^{10}$(I08), $_{9}C09_{2}^{11}$(I08), $_{9}H08_{3}^{12}$(I08)}

E = {$_{0}Y23_{7}^{7}$, $_{1}Y22_{6}^{7}$(Y23), $_{2}Y21_{5}^{7}$(Y22), $_{3}Y20_{4}^{7}$(Y21), $_{4}Y19_{3}^{7}$(Y20), $_{5}Y18_{2}^{7}$(Y19), $_{6}M16_{2}^{8}$(Y19), $_{7}M17_{1}^{8}$(Y18), $_{7}I08_{1}^{8}$(Y18), $_{7}M17_{1}^{8}$(M16)}
F = {$_{1}Y24_{8}^{9}$(Y23), $_{5}E19_{5}^{10}$(Y22), $_{4}E16_{5}^{9}$(Y21), $_{5}H11_{5}^{10}$(Y20), $_{6}H09_{3}^{9}$(Y19), $_{6}G09_{3}^{9}$(Y19), $_{8}A10_{5}^{13}$(Y18), $_{7}C09_{2}^{9}$(Y18), $_{7}H08_{2}^{9}$(Y18), $_{7}M15_{4}^{11}$(M16), $_{8}H09_{5}^{13}$(M16), $_{8}G09_{4}^{12}$(M16), $_{8}M18_{0}^{8}$(M17), $_{8}I09_{0}^{8}$(I08), $_{8}I07_{2}^{10}$(I08), $_{9}C09_{2}^{11}$(I08), $_{9}H08_{3}^{12}$(I08)}

E = {$_{0}Y23_{7}^{7}$, $_{1}Y22_{6}^{7}$(Y23), $_{2}Y21_{5}^{7}$(Y22), $_{3}Y20_{4}^{7}$(Y21), $_{4}Y19_{3}^{7}$(Y20), $_{5}Y18_{2}^{7}$(Y19), $_{6}M16_{2}^{8}$(Y19), $_{7}M17_{1}^{8}$(Y18), $_{7}I08_{1}^{8}$(Y18), $_{7}M17_{1}^{8}$(M16), $_{8}M18_{0}^{8}$(M17)}

**Solución:**

Y23 => Y22 => Y21 => Y20 => Y19 => Y18 => M17 => M18