## Ejercicio 18

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a)  \begin{aligned} &\text{Natural} = [\\ &\text{esCero} = \mathcal{G}(z) \text{true} \\ &\text{succ} = \mathcal{G}(z) (z.\text{esCero} = \text{false}).\text{pred} = z \end{aligned} ] \\ &\text{b}) \\ &\text{iguales} = [\\ &\text{arg} = \mathcal{G}(s) \text{s.arg} \\ &\text{val} = \mathcal{G}(s) (\lambda y. (\text{or} \\ &\text{or} \\ &\text{(and (s.arg.esCero) (y.esCero))}, \\ &\text{(} \\ &\text{s.arg.esCero.if} \\ &\text{(false)} \\ &\text{(} \\ &\text{(s.arg.pred) (y.pred))} \\ &\text{)} \\ &\text{)} \\ &\text{)} \\ &\text{)} \end{aligned}
```