Algorithm 1 The Bellman-Kalaba algorithm

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1: procedure BellmanKalaba(G, u, l, p)
2:     for all v ∈ V(G) do
3:         l(v) ← ∞
4:     end for
5:     l(u) ← 0
6:     repeat
7:         for i ← 1, n do
8:             min ← l(v_i)
9:             for j ← 1, n do
10:                if min > e(v_i, v_j) + l(v_j) then
11:                    min ← e(v_i, v_j) + l(v_j)
12:                    p(i) ← v_j
13:                end if
14:            end for
15:            l(i) ← min
16:        end for
17:        changed ← l ≠ l
18:        l ← l
19:    until ¬changed
20: end procedure

21: procedure FindPathBK(v, u, p)
22:    if v = u then
23:        Write v
24:    else
25:        w ← v
26:        while w ≠ u do
27:            Write w
28:            w ← p(w)
29:        end while
30:    end if
31: end procedure
```