Optimized adaptive protocol

```
μ̄ = 0 (init)
for n = 1 to N:
    t_n = 2^(N-n)
    M_n = G + F(n-1)

    for m=1 to M_n:

        choose ϑ_{n,m}^{ctrl}
        if ( μ̄ = 0 ) then:
            ϑ_{n,m}^{incr} = u0 [m,n]
        else:
            ϑ_{n,m}^{incr} = u1 [m,n]

        μ̄ = Ramsey (ϑ = ϑ_{n,m}^{ctrl} + ϑ_{n,m}^{incr}, τ = t_n τ_{min})

        Bayesian_update(res = μ̄, ϑ = ϑ_{n,m}^{ctrl} + ϑ_{n,m}^{incr}, τ = t_n τ_{min})
```