PackageProblemAnswers

May 25, 2017

0.1 LightGraphs Problem

```
In [ ]: using LightGraphs, Distributions
function mkTree(maxdepth::Int = 10, p::Float64 = 0.8, g::SimpleGraph = Grap
    if (maxdepth <= 1) g
    else
        b = Binomial(2, p)
        nEdges = max(1, rand(b))
        for leaves in 1:nEdges
              add_vertex!(g)
              newnode = nv(g)
              add_edge!(g, currhead, newnode)
              mkTree(maxdepth-1, p, g, newnode)
             end
    end
    end
    end
    end</pre>
```

0.2 Rootfinding Problems