Rapport

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Graph: y-axis labeled "S" with values 1, 2, 3, 4, 5, 6, 7, 8; x-axis labeled "branches" with values 8, 20, 36000.
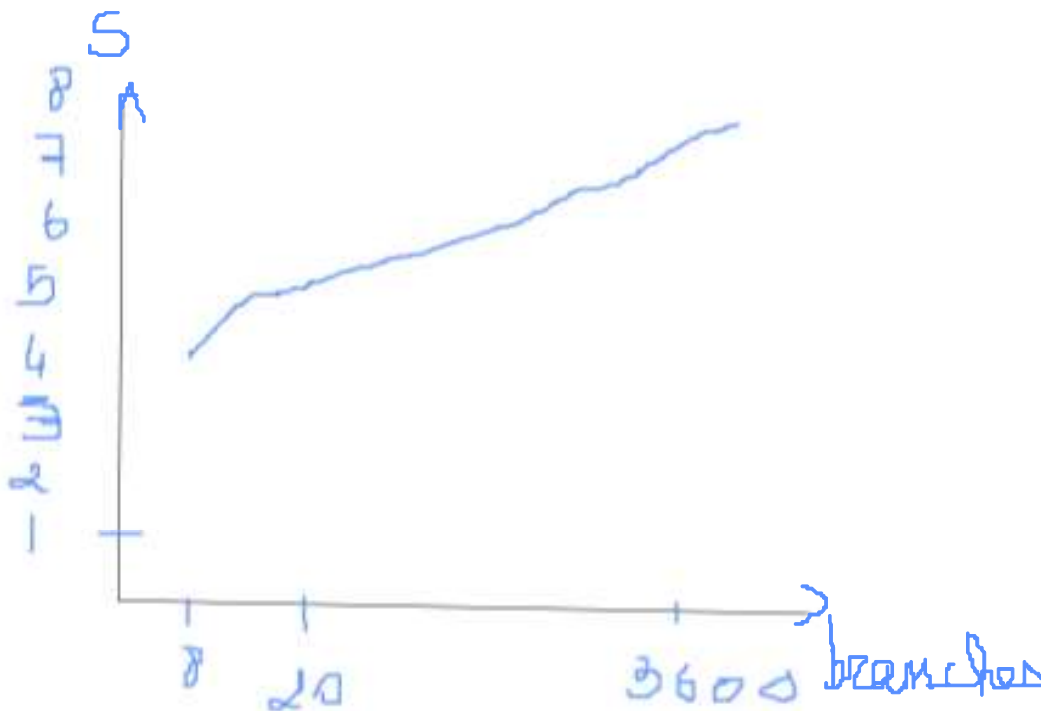
```
342        planesWithSupport := make([]<-chan Plane3DwSupport, 36000)
343        for j := 0; j < 36000; j++ {
344            planesWithSupport[j] = make(chan Plane3DwSupport)
345            planesWithSupport[j] = supportingPointFinder(planes, p
346
347        }
348        fmt.Println("fanin")
349        fanvar := fanIn(planesWithSupport...)
350
351        dominantPlane := Plane3DwSupport{}
352        fmt.Println("dominantPlaneIdentifier")
353        dominantPlaneIdentifier(fanvar, &dominantPlane)
354        fmt.Println("condition")
```

```
PROBLEMS  1    OUTPUT    DEBUG CONSOLE    TERMINAL

fanin
dominantPlaneIdentifier
condition
PS C:\Users\chada\Desktop\uotttawa\2nd year\Winter 2023\CSI2520\Projets\Pgo>
RandomPointGenerator
tripletGenerator
takeN
planeEstimator
supportingPointFinder
fanin
dominantPlaneIdentifier
condition
Temps d'exécution : 7.2044333s
```

```
342        planesWithSupport := make([]<-chan Plane3DwSupport, 8)
343        for j := 0; j < 8; j++ {
344            planesWithSupport[j] = make(chan Plane3DwSupport)
345            planesWithSupport[j] = supportingPointFinder(planes, points,
346
```

```
PROBLEMS  1    OUTPUT    DEBUG CONSOLE    TERMINAL

main.main()
        C:/Users/chada/Desktop/uotttawa/2nd year/Winter 2023/CSI2520/Projets/Pgo/m
exit status 2
PS C:\Users\chada\Desktop\uotttawa\2nd year\Winter 2023\CSI2520\Projets\Pgo> go ru
RandomPointGenerator
tripletGenerator
takeN
planeEstimator
supportingPointFinder
fanin
dominantPlaneIdentifier
condition
Temps d'exécution : 4.6145205s
PS C:\Users\chada\Desktop\uotttawa\2nd year\Winter 2023\CSI2520\Projets\Pgo>
```

```
341        fmt.Println("supportingPointFinder")
342        planesWithSupport := make([]<-chan Plane3DwSupport, 20)
343        for j := 0; j < 20; j++ {
344            planesWithSupport[j] = make(chan Plane3DwSupport)
345            planesWithSupport[j] = supportingPointFinder(planes, po
346
347        }
348        fmt.Println("fanin")
349        fanvar := fanIn(planesWithSupport...)
```

```
PROBLEMS  1    OUTPUT    DEBUG CONSOLE    TERMINAL

dominantPlaneIdentifier
condition
Temps d'exécution : 4.6145205s
PS C:\Users\chada\Desktop\uotttawa\2nd year\Winter 2023\CSI2520\Projets\Pgo>
RandomPointGenerator
tripletGenerator
takeN
planeEstimator
supportingPointFinder
fanin
dominantPlaneIdentifier
condition
Temps d'exécution : 5.0211301s
```