

```
In[ ]:= nb = "AnG-Programs";
notebook = NotebookGet[NotebookOpen@FileNameJoin[{Directory[], nb <> ".nb"}]]
```

Out[]:= Notebook [... 1 ...]

large output show less show more show all set size limit...

```
In[ ]:= cells = Cases[notebook, c_Cell /; Length[c] ≥ 2 ^ FreeQ[c, _Cell, {1, ∞}], ∞]
Length[cells]
```

Out[]:= {Cell [Pensieve header: A talk and a program about Archibald- and Γ -calculus and the Halacheva map between them. Continues pensieve://2021-03/, Text, CellChangeTimes → {{3.82282 × 10⁹, 3.82282 × 10⁹}, {3.82282 × 10⁹, 3.82282 × 10⁹}, {3.82439 × 10⁹, 3.82439 × 10⁹}, {3.82449 × 10⁹, 3.82449 × 10⁹}}, Cell [TextData [{StyleBox [Title., FontWeight → Bold], I Still don't Understand the Alexander Polynomial}], Text, CellChangeTimes → {{ ... 1 ... }, { ... 1 ... }}, { ... 87 ... }, Cell [... 1 ...] }

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Out[]:= 90

```
In[ ]:= cells = Cases[notebook, c_Cell /; Length[c] ≥ 2, ∞]
Length[cells]
```

Out[]:= {Cell [Pensieve header: A talk and a program about Archibald- and Γ -calculus and the Halacheva map between them. Continues pensieve://2021-03/, Text, CellChangeTimes → {{3.82282 × 10⁹, 3.82282 × 10⁹}, {3.82282 × 10⁹, 3.82282 × 10⁹}, {3.82439 × 10⁹, 3.82439 × 10⁹}, {3.82449 × 10⁹, 3.82449 × 10⁹}}, Cell [TextData [{StyleBox [Title., FontWeight → Bold], I Still don't Understand the Alexander Polynomial}], Text, CellChangeTimes → {{ ... 1 ... }, { ... 1 ... }}, { ... 91 ... }, Cell [... 1 ...] }

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Out[]:= 94

```
In[ ]:= Short[cell = cells[[14]]
```

```
Out[ ]//Short= Cell [BoxData [GraphicsBox [TagBox [ <<1>> ], DefaultBaseStyle → ImageGraphics, <<9>> → <<1>>, ImageSizeRaw → {198.375, 86.25}, PlotRange → {{0, 198.375}, {0, 86.25}}]], ... ]
```

```
In[ ]:= cell[[2]]
```

```
Out[ ]:= Input
```

```
In[ ]:= Cases[cell, _Rule]
```

```
Out[ ]:= { }
```

```
In[ ]:= Position[notebook, CompressedData]
```

```
Out[ ]:= {{1, 6, 1, 1, 8, 1, 1, 4, 1, 1, 1, 1, 1, 0}, {1, 6, 1, 1, 17, 1, 1, 1, 1, 1, 1, 1, 0},  
          {1, 6, 1, 1, 19, 1, 1, 1, 1, 1, 1, 1, 0}, {1, 6, 1, 1, 21, 1, 1, 1, 1, 1, 1, 1, 0}}
```

```
In[ ]:= notebook[[1, 6, 1, 1, 8]][[2]]
```

```
Out[ ]:= Text
```

```
In[ ]:= notebook[[1, 6, 1, 1, 8, 1, 1, 4]] // Short
```

```
Out[ ]//Short= Cell[BoxData[GraphicsBox[TagBox[<<1>>], DefaultBaseStyle -> ImageGraphics, <<9>> -> <<1>>, ImageSizeRaw -> {198.375, 86.25}, PlotRange -> {{0, 198.375}, {0, 86.25}}]], ... ]
```