template.tex

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1 Introduction

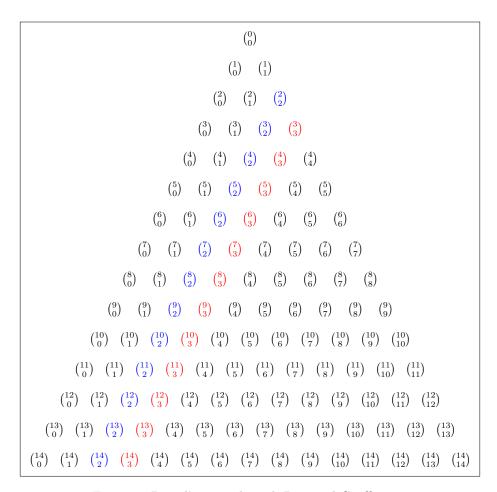


Figure 1: Pascal's Triangle with Binomial Coefficients

```
1
                              1
                             2
                          3
                              3
                        4 6 4
                      5
                         10 \quad 10
                    6 15
                           20 15
                      21
                          35
                              35
                                  21
                    28
                        56
                            70
                                56
                  36
                    84 126 126 84
                                       36
               45 120 210 252 210 120 45
              55 165 330 462 462 330 165 55
           66 220 495 792 924 792 495 220 66
         78 286 715 1287 1716 1716 1287 715 286 78
       91 364 1001 2002 3003 3432 3003 2002 1001 364
1
   14
```

Figure 2: Pascal's Triangle

```
1
1 1 1
1 2 1
1 3 3 1
1 4 6 4 1
1 5 10 10 5 1
1 6 15 20 15 6 1
1 7 21 35 35 21 7 1
1 8 28 56 70 56 28 8 1
1 9 36 84 126 126 84 36 9 1
1 10 45 120 210 252 210 120 45 10 1
1 1 15 166 330 462 462 330 165 55 11 1
1 1 2 66 220 495 792 924 792 495 220 66 12 1
1 13 78 286 715 1287 1716 1716 1287 715 286 78 13 1
1 14 91 364 1001 2002 3003 3432 3003 2002 1001 364 91 14 1
```

Figure 3: Pascal's Triangle

2 Conclusions

3 Acknowledgements

LATEX Source

https://www.overleaf.com/read/jyppzhgdtrvg