

## Python code to generate binomial trees

The code to generate the tree is:

```

1 def make_binomial_tree(number_of_periods: int)-> str:
2     """ Generate the Latex code to print a binomial tree
3     of 'number_of_periods' periods.
4     Parameters:
5     number_of_periods: integer
6     return string
7     """
8     columns = {}
9     columns2 = {}
10    ...

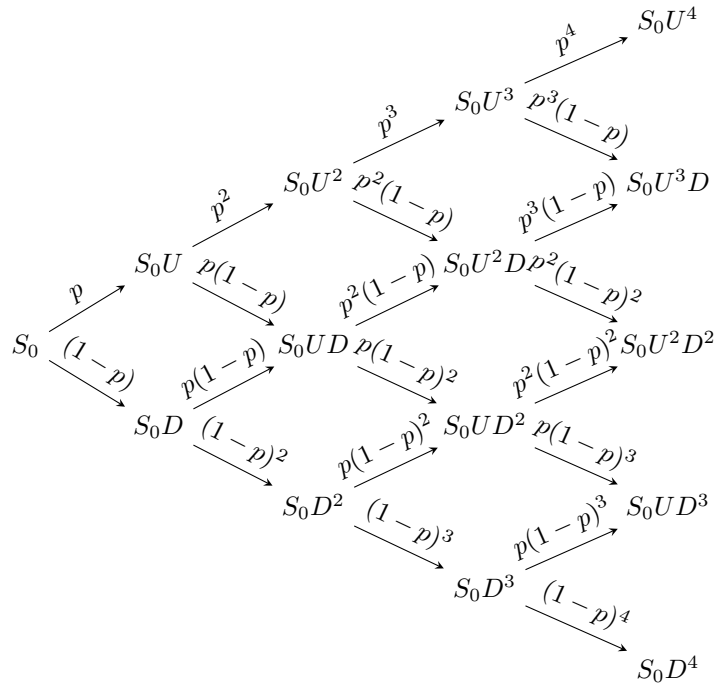
```

Listing 1: Python extract

Please refer to the file *binomial\_tree.py* for the full code. Examples of binomial trees generated with the code for:

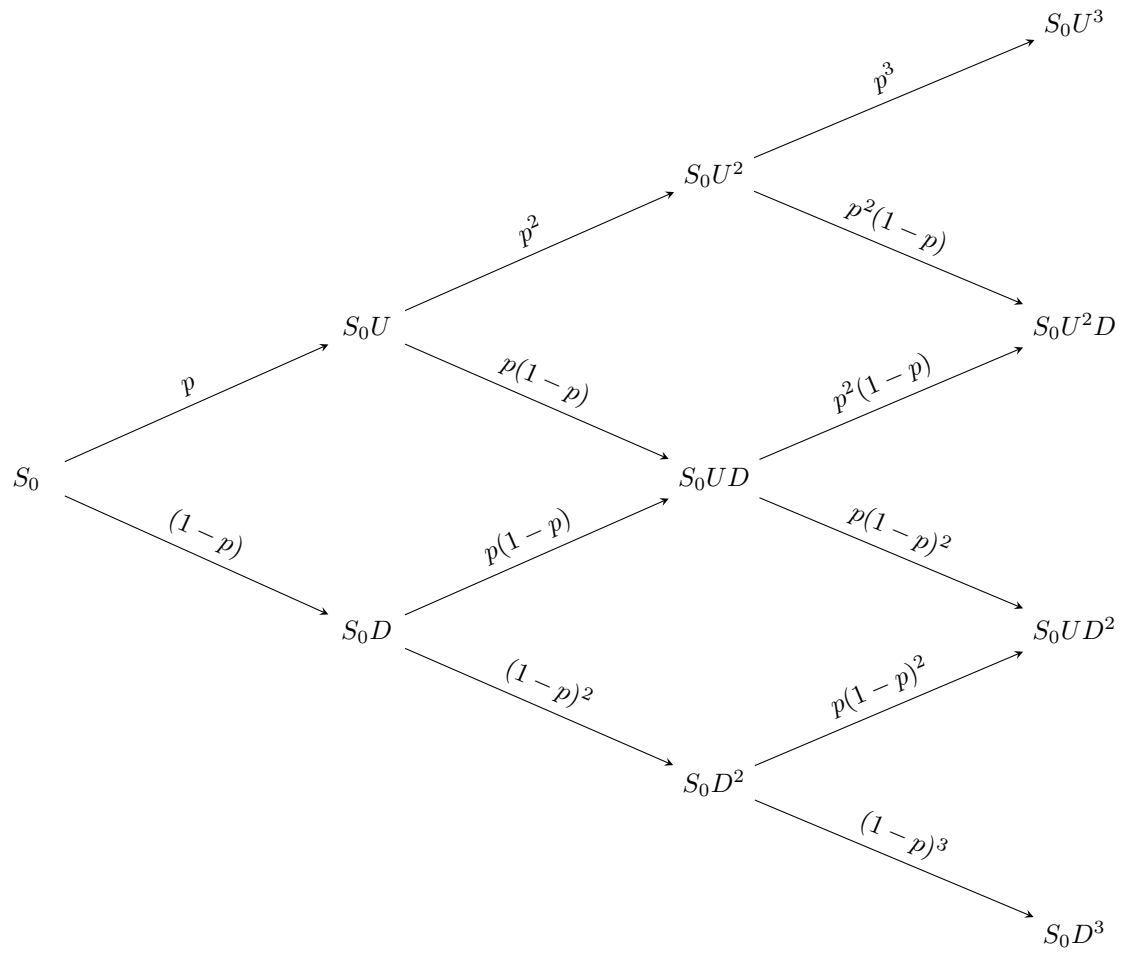
### 4 periods

`print(make_binomial_tree(4))`



### 3 periods

```
print(make_binomial_tree(3))
```



## 5 periods

`print(make_binomial_tree(5))`

