

```
In[1]:= Needs["AGT`", FileNameJoin[{NotebookDirectory[], "agt.m"}]]
```

```
In[2]:= Table[
  {i, Gprod[CompleteGraph[i], CompleteGraph[i]] // SmithSeq},
  {i, 2, 10, 1}
] // MatrixForm
```

```
Out[2]//MatrixForm=
(
  2      {1, 1, 4, 0}
  3      {1, 1, 1, 5, 15, 0}
  4      {1, 1, 1, 1, 6, 24, 24, 0}
  5      {1, 1, 1, 1, 1, 7, 35, 35, 35, 0}
  6      {1, 1, 1, 1, 1, 1, 8, 48, 48, 48, 48, 0}
  7      {1, 1, 1, 1, 1, 1, 1, 9, 63, 63, 63, 63, 63, 0}
  8      {1, 1, 1, 1, 1, 1, 1, 1, 10, 80, 80, 80, 80, 80, 80, 0}
  9      {1, 1, 1, 1, 1, 1, 1, 1, 1, 11, 99, 99, 99, 99, 99, 99, 99, 0}
  10 {1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 12, 120, 120, 120, 120, 120, 120, 120, 120, 0}
)
```

```
In[3]:= Export[
  StringJoin[
    StringDrop[
      NotebookFileName[], -3], ".pdf"],
  EvaluationNotebook[]
];
```