

```
In[3]:= Needs["AGT`", FileNameJoin[{NotebookDirectory[], "agt.m"}]]
```

```
In[4]:= Table[
  {i, G2prod[CompleteGraph[i], CompleteGraph[i]] // SmithSeq},
  {i, 2, 10, 1}
] // MatrixForm
```

```
Out[4]//MatrixForm=
(
  2      {1, 4, 4, 0}
  3      {1, 6, 6, 6, 6, 0}
  4      {1, 8, 8, 8, 8, 8, 8, 0}
  5      {1, 10, 10, 10, 10, 10, 10, 10, 10, 0}
  6      {1, 12, 12, 12, 12, 12, 12, 12, 12, 12, 0}
  7      {1, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 0}
  8      {1, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 0}
  9      {1, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18, 0}
  10 {1, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 0}
)
```

```
In[5]:= Export[
  StringJoin[
    StringDrop[
      NotebookFileName[], -3], ".pdf"],
  EvaluationNotebook[]
];
```