

```
In[14]:= Needs["AGT`", FileNameJoin[{NotebookDirectory[], "agt.m"}]]
```

```
In[15]:= Table[
  PathGraph[Range[i]] // SmithSeq,
  {i, 2, 10}
] // MatrixForm
```

Out[15]//MatrixForm=

$$\begin{pmatrix} \{1, 0\} \\ \{1, 1, 0\} \\ \{1, 1, 1, 0\} \\ \{1, 1, 1, 1, 0\} \\ \{1, 1, 1, 1, 1, 0\} \\ \{1, 1, 1, 1, 1, 1, 0\} \\ \{1, 1, 1, 1, 1, 1, 1, 0\} \\ \{1, 1, 1, 1, 1, 1, 1, 1, 0\} \\ \{1, 1, 1, 1, 1, 1, 1, 1, 1, 0\} \end{pmatrix}$$

```
In[16]:= Export[
  StringJoin[
    StringDrop[
      NotebookFileName[], -3], ".pdf"],
  EvaluationNotebook[]
];
```