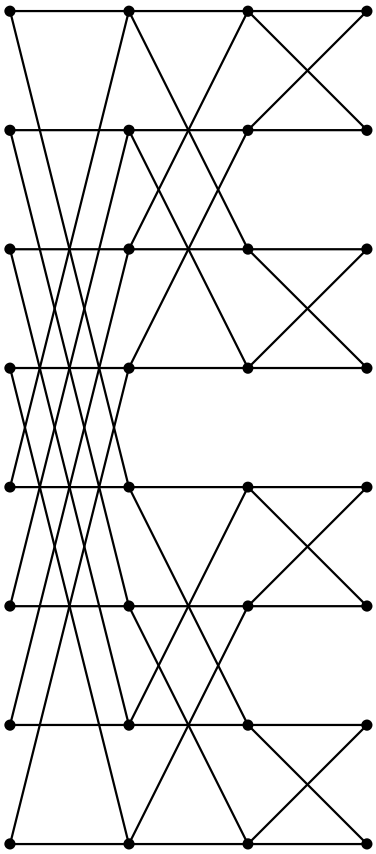
In[1]:=
```
<< Combinatorica`;
```

In[2]:=
```
g = ButterflyGraph[3]
```

Out[2]=
```
- Graph:< 48,32,Undirected >-
```

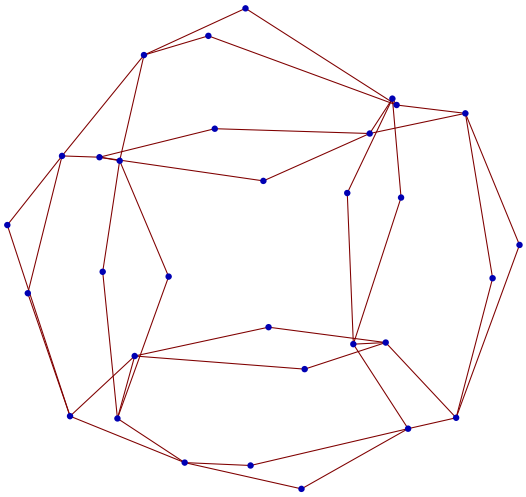
In[3]:=
```
ShowGraph[g]
```

Out[3]=



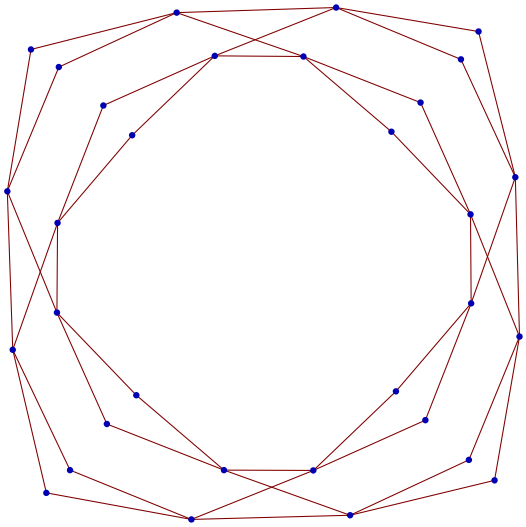
In[4]:=
```
GraphPlot[g, Method → "SpringEmbedding"]
```

Out[4]=



In[5]:=
```
GraphPlot[g, Method → "SpringElectricalEmbedding"]
```

Out[5]=

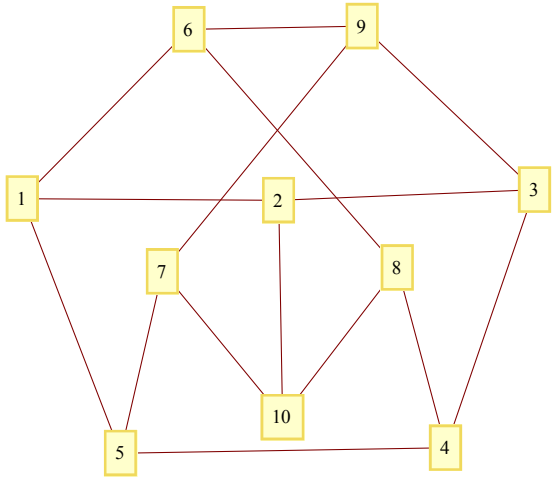


In[6]:=
```
h = {1 → 2, 2 → 3, 3 → 4, 4 → 5, 5 → 1, 1 → 6,
    6 → 8, 8 → 10, 10 → 7, 7 → 9, 9 → 6, 2 → 10, 3 → 9, 4 → 8, 5 → 7};

(* Petersen Graph *)
```

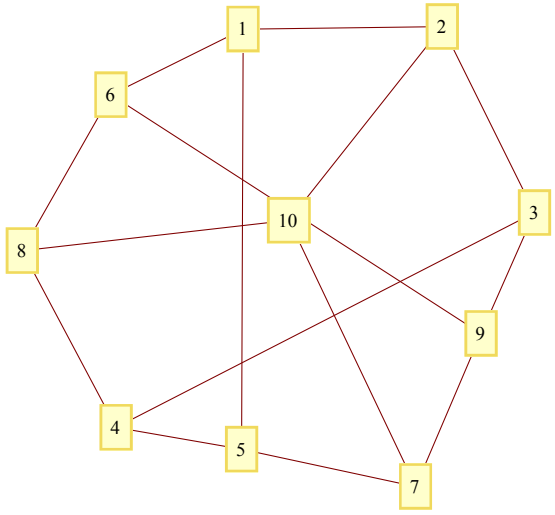
In[7]:=
```
GraphPlot[h, Method → "SpringElectricalEmbedding", VertexLabeling → True]
```

Out[7]=



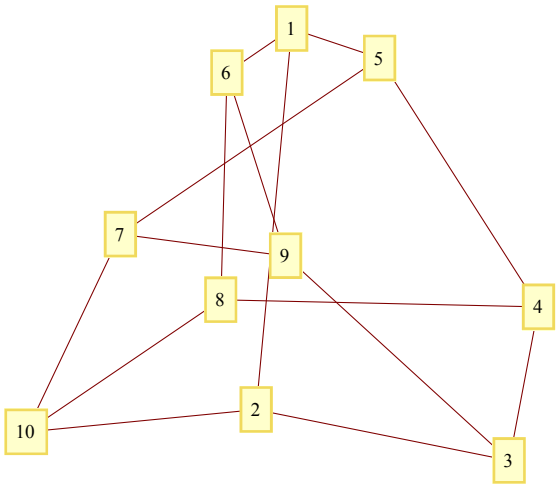
In[8]:=
```
GraphPlot[h, Method → "SpringEmbedding", VertexLabeling → True]
```

Out[8]=



In[9]:=
```
GraphPlot[h, Method → "HighDimensionalEmbedding", VertexLabeling → True]
```

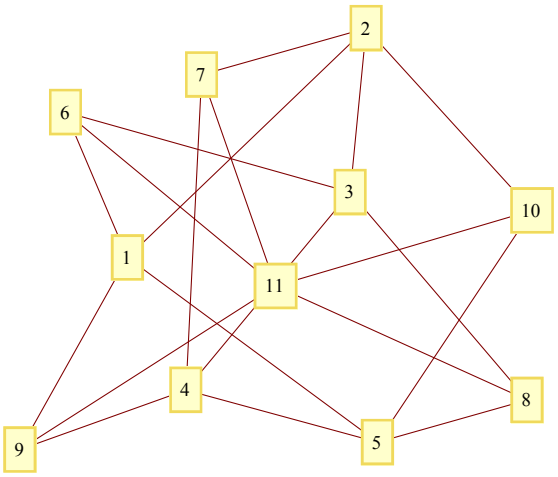
Out[9]=



In[10]:=
```
h = {1 → 2, 2 → 3, 3 → 4, 4 → 5, 5 → 1, 1 → 6, 6 → 3, 3 → 8, 8 → 5, 5 → 10,
    10 → 2, 2 → 7, 7 → 4, 4 → 9, 9 → 1, 11 → 6, 11 → 7, 11 → 8, 11 → 9, 11 → 10};
(* Mycielski Graph *)
```

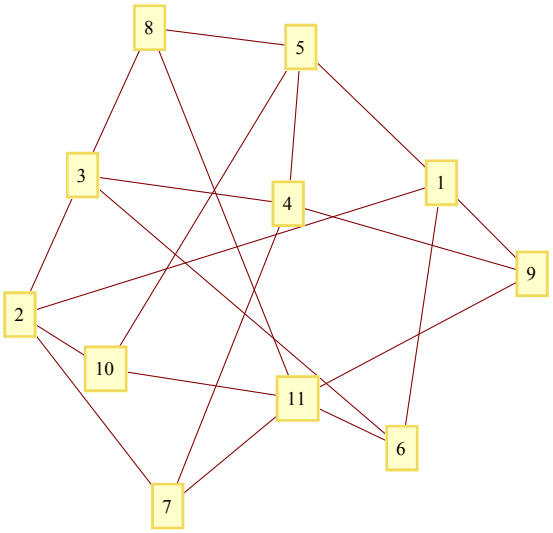
In[11]:=
```
GraphPlot[h, Method → "SpringElectricalEmbedding", VertexLabeling → True]
```

Out[11]=



In[12]:=
```
GraphPlot[h, Method → "SpringEmbedding", VertexLabeling → True]
```

Out[12]=



In[13]:=

```
GraphPlot[h, Method → "HighDimensionalEmbedding", VertexLabeling → True]
```

Out[13]=