In[200]:=
```
(*Expected distance between reciprocally connected pairs*)
r = NIntegrate[x * w[x] * c[x]^2 / 0.02451, {x, 0, Sqrt[2]}]
```

Out[200]= 0.20001

In[201]:=
```
(*Probability of connection in third pair when other two are reciprocally connected*)
p = c[4 / Pi * r]
```

Out[201]= 0.164749

In[202]:=
```
(*Probabilities for motif 9, 15 and 16 are then:*)
(1 - p)^2
2 * p * (1 - p)
p^2
```

Out[202]= 0.697643

Out[203]= 0.275214

Out[204]= 0.0271424