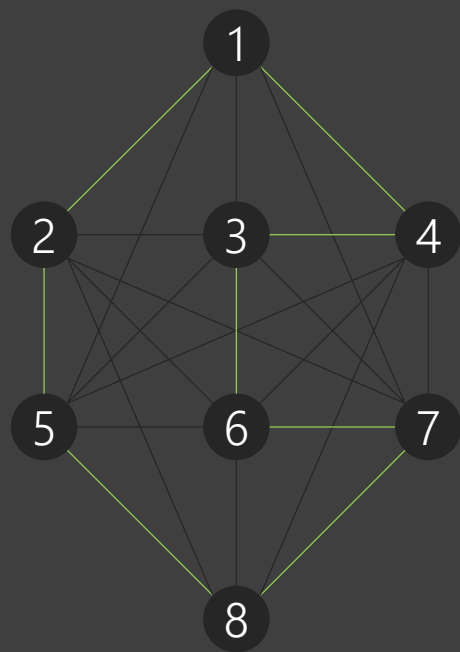


# Метод отжига в применении к задаче коммивояжера

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$$f(\pi) = \sum_{i=1}^{n-1} d_{\pi(i), \pi(i+1)} + d_{\pi(n), \pi(1)}$$



```
while temperature > final_temperature  
1.     new_path = swap(path);  
2.     delta_cost = cost_function(path) - cost_function(new_path);  
3.     if delta_cost < 0  
        if exp(delta_cost/temperature) > rand  
            path = new_path;  
        end  
    else  
        path = new_path;  
    end  
4.     temperature = temperature*cooling_factor;  
end
```

