

```
1 function measure_space = calculate_embedding EMC(list, dataset)
2
3     measure_space(1) = 0;
4     num_items = size(list, 2);
5
6     for i = 2 : num_items
7
8         index_1 = list(i);
9         index_2 = list(i-1);
10
11         item_1 = dataset{index_1};
12         item_2 = dataset{index_2};
13
14         measure_space(i) = measure_space(i-1) + compare_states(item_1, item_2);
15
16     endfor
17
18 endfunction
```