```
<script>
document.write(Sigma("AAAAAASDAAAAAAAAAAAAA"));
                                                                                                    S = \{x_1, \dots, x_{|S|}\}
function Sigma(s)
    var t = 0;
    var m = 0;
   for (var u=1; u<=(s.length - 1); u++)
      for (var i=0; i<=(s.length-u); i++)
           m += f(s.substr(i,1),s.substr(u+i,1));
       t += |(m / (s.length-u) * 100);
m = 0;
                                                                    \sigma(s) = 100 -
    return (100 - (t / (s.length - 1))).toFixed(2);
function f(x,y){
                                                                                f(x_i, x_{u+i}) = \begin{cases} +1, & x_i = x_{u+i} \\ 0, & x_i \neq x_{u+i} \end{cases}
    if (x == y) {
       return 1;
    } else {
        return 0;
</script>
```

## Self-Sequence Alignment Implementation vs model

**Self-Sequence Alignment - Implementation vs model.** The figure shows the connection between the equation and the JavaScript implementation. Note that each part of the equation shows a modular correspondence in the main implementation.



