

```
1: function RELATIVE ATTRACTOR ( $f, \mathcal{B}, n$ )
```

```
2:   for  $i = \{1, \dots, n\}$  do
```

```
3:      $\mathcal{B} \leftarrow \text{SUBDIVIDE}(\mathcal{B})$ 
```

```
4:      $\mathcal{B} \leftarrow \mathcal{B} \cap f(\mathcal{B})$ 
```

```
5:   end for
```

```
6:   return  $\mathcal{B}$ 
```

```
7: end function
```

```
1  function relative_attractor( $f::\text{BoxMap}, B::\text{BoxSet}, n$ )
```

```
2      for  $s$  in  $1:n$ 
```

```
3           $B = \text{subdivide}(B)$ 
```

```
4           $B = B \cap f(B)$ 
```

```
5      end
```

```
6      return  $B$ 
```

```
7  end
```