

Tree Recursion (Representation in stack)

$\Sigma_1 \Sigma_2$

```
Void f (int x )
```

```
{
```

```
    Sop(x) ; →  $\Sigma_1$ 
```

```
    if (x >= 3)
```

```
        return;
```

```
    f(x+1) ; →  $\Sigma_2$ 
```

```
    f(x+2); →  $\Sigma_3$ 
```

```
}
```

f(0)

Stack

f(1)
f(0)

f(2)
f(1)
f(0)

f(3)
f(2)
f(1)
f(0)

f(2+2)
f(2)
f(1)
f(0)

