```
OF[x_] := (.5 / (Sqrt[1 + x^2])) - Sqrt[1 + x^2] (1 - (.5 / (1 + x^2))) + x

ITR[x_] :=
 x - (((0.001) (OF[x + 0.001] - OF[x - 0.001])) / (2 (OF[x + 0.001] - 2 OF[x] + OF[x - 0.001])))

ITR[0.6]
```

0.740992

```
ITR[%]
```

0.786132

```
ITR[%]
```

0.786152

```
ITR[%]
```

0.786152

```
ITR[%]
```

0.786152

```
ITR[%]
```

0.786152

```
CheckDiff[x_] := Abs[(OF[x + 0.001] - OF[x - 0.001]) / (2 * 0.001)]
```

```
CheckDiff[0.786152]
```

1.15079×10^{-8}