(Debug) In[ ]:=

```
t = 2;
b = .8;
yn = .6;
z = 1;
n = .025;
q = 513;
area = (b + z yn) yn;
v = (q / 1000) / area; (* m/s *)
p = b + 2 yn √(1 + z^2);
rh = area / p;
i = (v n / rh^(2/3))^2;
q2 = 1.2 (q / 1000); (* Nova vazão *)
area2 = (b + z yy) yy;
p2 = b + 2 yy √(1 + z^2);
rh2 = area2 / p2;
q2dir = 1/n area2 rh2^(2/3) i^(1/2);
yyn = Solve[q2 == q2dir, yy];
aprof = DecimalForm[yyn[[3, 1, 2]] - yn, 2]
```

(Debug) Out[ ]//DecimalForm=

```
0.059
```