

```
(presume! (the amplifying operation q amp bias)))  
(presume! (the beta-infinite q amp bias)))  
(presume! (the emitter-follows q amp bias)))
```

```
(value (the potential b amp bias))  
; (plunk (potential b amp bias) e12)  
; CEP97 0=(+ -2.94e-4 (* 1.20e-4 e12))  
; CEP109 (> (+ -.0007 (* .001 e12)) 0)  
; CEP122 (> (+ 20.67 (* -6.60 e12)) .2)  
; ((potential b amp bias) = 2.46)  
; (from (resistance rb2 amp)  
; (beta-infinite q amp bias)  
; (resistance rb1 amp)  
; (strength power))  
;Value: (& 2.459016393442623 volt)
```

```
(value (the potential e amp bias))  
; ((potential e bias) = 1.76)  
; (set by (-rhs:kvl-be q amp bias))  
; (because (potential b amp bias)  
; (vbe q amp bias))  
;Value: (& 1.759016393442623 volt)
```