



The Cyber Cycle Indicator, developed by John Ehlers, is used for isolating the cycle component of the market from its trend counterpart. Unlike other oscillators like RSI, Cyber Cycle Indicator's wave has a variable amplitude.

Use the osc/signal crossover for entry/exit points. You can enable highlighting the crossovers by using region fills (via options page). I have also added an option to color the bars based on this.

Actually I have lot of Ehlers indicators in my to-publish backlog, will try to prioritize them over the others in the pipeline. Lets have an Ehlers week for indicators :)

More info:

Cybernetic Analysis for Stocks and Futures

List of my public indicators: <http://bit.ly/1LQaPK8>

List of my app-store indicators: <http://blog.tradingview.com/?p=970>

List of my free indicators: <http://bit.ly/1LQaPK8>  
List of my indicators at Appstore: <http://blog.tradingview.com/?p=970>

[Twitter](#)

[Website](#)

#### Açık kaynak kodlu komut dosyası ⓘ

Gerçek TradingView ruhuyla, bu betiğin yazarı, yatırımcının anlayabilmesi ve doğrulanabilmesi için onu açık kaynak olarak yayınladı. Yazının eline sağılıklı Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yanında yeniden kullanılmış [Kullanım Koşulları](#) ile yönetilir. Bir grafikte kullanmak için favorilere ekleyebilirsiniz.

#### Feragatname

Bilgiler ve yayınlar, TradingView tarafından sağlanan veya onaylanan finansal, yatırım, işlem veya diğer türden tavsiye veya tavsiyeler anlamlı gelmez ve teşkil etmez. [Kullanım Şartları](#)nda daha fazlasını okuyun.

#### Bu komut dosyasını bir grafikte kullanmak ister misiniz? ⓘ

[★ Favori göstergelere ekle](#)

```

1 // 
2 // @author LazyBear
3 //
4 // List of my public indicators: http://bit.ly/1LQaPK8
5 // List of my app-store indicators: http://blog.tradingview.com/?p=970
6 //
7 study("Ehlers Cyber Cycle Indicator [LazyBear]", shorttitle="ECCI_LB", overlay=false, precision=3)
8 src=input(#12, title="Source")
9 alpha=input(.07, title="Alpha")
10 smpha=(src*2*src[1]+src[3])/6
11 cycle_=(1-.5*alpha)*(1-.5*alpha)*(smooth*2*smooth[1]+smooth[2])+2*(1-alpha)*nz(cycle_[1])-(1-alpha)*(cycle_[1])
12 cycle_(n>?)?src[1]+src[2]/4/cycle_
13 cycle_(t>?)?src[1]+src[2]/4/cycle_
14 plot(cycle, "ZeroLine", color=gray)
15 fr=Input(true, title="Fill Osc/Trigger region")
16 dual=plot(fr*(cycle<t?cycle:t), style=circles, linewidth=0, color=gray, title="Dummy")
17 cm1=plot(cycle, title="Cybercycle", color=blue)
18 tlp=plot(t, title="Trigger", color=green)
19 fill1(dml, dml, color=red, transp=50, title="NegativeFill")
20 fill1(tl, tl, color=lime, transp=50, title="PositiveFill")
21 ebc=Input(false, title="Color bars?")
22 bcebc? (cycle>0? (cycle>t?gray:green): (cycle<t:red:orange)):na
23 barcolor(bc)

```

#### BENZER FİĞÜRLER

[Ehlers Adaptive Cyber Cycle Indicator \[LazyBear\]](#)

LazyBear [WIZARD](#) 13 May 27, 2015

[Ehlers Stochastic CG Oscillator \[LazyBear\]](#)

LazyBear [WIZARD](#) 5 May 25, 2015

[Ehlers Simple Cycle Indicator \[LazyBear\]](#)

LazyBear [WIZARD](#) May 23, 2015

## TORUMlar



Yararlı veya teşvik edici bir yorum bırakın. Piyasalarla birlikte hakim olalım

[Alıntıları yorum](#)

[Yorum Paylaş](#)

**nomena** PRO · Şub 22, 2021

LB, I enjoy your prolific coding efforts. I'm not a coding guy, but I also wondered about the final term in the CCI calculation. See 12/10/20 post. Instead of  $(1-\alpha)^n (1-\alpha)^{nz(cycle_{-1})}$ , should the final term be  $(1-\alpha)^{(1-\alpha)^n} (1-\alpha)^{nz(cycle_{-2})}$ ? Reference J. Ehlers' Cybernetic Analysis for Stocks and Futures, 2004, pg 38, Figure 4.6.

1 [Cevap Gönder](#)

**RickChan** · Ara 10, 2020

Just came across this indicator and did some further reading about the mechanics. In your code Line 11:  
`cycle_=(1-.5*alpha)*(1-.5*alpha)*(smooth-2*smooth+smooth)+2*(1-alpha)*nz(cycle_{-1})-(1-alpha)*(1-alpha)*nz(cycle_{-1})`

Should the index be `nz(cycle_{-2})` for the last `nz(cycle_{-1})` in the end of the line?

From page 34 of Cybernetic Analysis for Stocks and Futures, the formula seemed using Index (2) . This indicator is totally new to me so I might be wrong in terms of what I read giving limited information so far. Much appreciated for any insight you might have.

[Cevap Gönder](#)

**TotallyTilt** · Şub 13, 2018

New to all this and using your indicators. Just wanted to give you a big thanks for doing this and sharing. I really appreciate it as I'm sure a lot of others do to.

[Cevap Gönder](#)

**A-shot** · May 20, 2015

How do you get the bars to be colored? I just have the indicator added

[Cevap Gönder](#)

**LazyBear** WIZARD · May 20, 2015

Open the Options dialog (click on "Format" icon next to the indicator name.), select "Color bars".

[Cevap Gönder](#)

**Pansyfaust** PRO+ · May 19, 2015

Dude, I think most of my Favourites library contains your indicators XD.

Thank you as always,

[Cevap Gönder](#)

**LazyBear** WIZARD · May 19, 2015

YW :)

[Cevap Gönder](#)