

This is a composite oscillator derived from modified 5/10/20 Chande's [Dynamic Momentum Index](#) values.

Volatility is factored in, by design. Look for OB/OS extremes and divergences.

I added the green/red ribbon look to make it easy to read :)

More info:
<http://www.investopedia.com/terms/d/dyna...>

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 ⓘ

Gerek TradingView rühuyla, bu belgenin yazan, yatırımcının anlayabilmesi ve doğrulanabilmesi için onu açık kaynak olarak yayınladı. Yazının eline sağlık! Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yanında yenden kullanım [Kullanım Koşulları](#) ile yönetilir. Bir grafikte kullanmak için favorilere ekleyebilirsiniz.

Feragatname

Bilgiler ve kayıtlar, TradingView tarafından sağlanan veya onaylanan finansal, yatırım, işlem veya diğer türden tavsiye veya tavsiyeler antamna gelmez ve tektil 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(title="Chande Composite Momentum Index [LazyBear]", shorttitle="CCMI_LB")
8 src=input(close, title="Source")
9 lenSmooth=Input(3, title="Composite Smoothing Length")
10 trigger=Input(5, title="Signal Length")
11 calc_demo(src, length)=
12     e1 = ema(src, length)
13     e2 = ema(e1, length)
14     2 * e1 - e2
15
16 cmo51=Sum( iff( src > src[1] , ( src - src[1] ) ,0 ),5 )
17 cmo52=Sum( iff( src < src[1] , ( src[1] - src ) ,0 ),5 )
18 cmos5=calc_demo(100 * nz((cmo51 - cmo52)),3)
19 cmo101=Sum( iff( src > src[1] , ( src - src[1] ) ,0 ),10 )
20 cmo102=Sum( iff( src < src[1] , ( src[1] - src ) ,0 ),10 )
21 cmo201=Sum( iff( src > src[10] , ( src[10] - src ) ,0 ),20 )
22 cmo202=Sum( iff( src < src[1] , ( src[1] - src ) ,0 ),20 )
23 cmo20=calc_demo(100 * nz((cmo201 - cmo202)) / (cmo201+cmo202),3)
24 dev=(stddev(src,5)*cmo5)+(stddev(src,10)*cmo10)+(stddev(src,20)*cmo20)/(stddev(src,5)+stddev(src,10)+stddev(src,20))
25 dev1=(stddev(src,5)*cmo5)+(stddev(src,10)*cmo10)+(stddev(src,20)*cmo20)/(stddev(src,5)+stddev(src,10)+stddev(src,20))
26 e=ema(dmi,lenSmooth), s=ema(dmi,triggr)
27 hline(70,color=red, title="High2")
28 ulhline(30,color=green, title="High1")
29 hline(0, color=black, title="Mid")
30 llhline(-30,color=green, title="Low1")
31 hline(-70,color=red, title="Low2")
32 fill(u1,ll,black, title="MidRegionFill")
33 dual=plot(e,s>s, style=circles, linewidth#0, color=gray, title="Dummy")
34 cm1=plot(e,title="DynamicIndex",color=blue)
35 tlpplot(s,title="trigger",color=red)
36 fill(cml, dml, color=lime, transp=50, title="PositiveFill")
37 fill(tl, dml, color=red, transp=50, title="NegativeFill")

```

[Yorumlar](#)



C carlos001 · EYL 20, 2016

Hello
How can I have this Indicator "Composite Momentum Index"? I would like to use it in my trades. How much is the cost.

Waiting for your response

Carlos
+25 ▲ Cevap Gönder

grahvity · MAY 12, 2015

You're the BEST, LazyBear. Thanks again!

+3 ▲ Cevap Gönder

LazyBear WIZARD · MAY 12, 2015

Thanks @grahvity

+2 ▲ Cevap Gönder

accidentje · MAY 12, 2015

Thanks LB!

+2 ▲ Cevap Gönder

LazyBear WIZARD · MAY 12, 2015

YW :)

+2 ▲ Cevap Gönder

LazyBear WIZARD · MAY 12, 2015

Fishnet -- simple EMAs that catch "all possible" (?) price movements



Just another old script I found yesterday in my archive -- not planning to publish this separately. If you want to try it out, source below.

- 200EMAs - pastebin.com/AcqLvrVn
- 150EMAs - pastebin.com/QQWkSzYV

+1 ▲ Cevap Gönder

ChartArt · MAY 13, 2015

Thank you LazyBear for sharing this 'Composite Momentum Index' by Tushar Chande. I noticed a small similarity to William Blau's 'Stochastic Momentum Index', so I created a comparison. Both indicators in my test use the default signal period 5 and a smoothing period of 3:

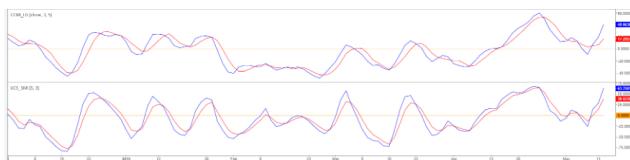


(I removed your cool color feature for a clearer comparison)

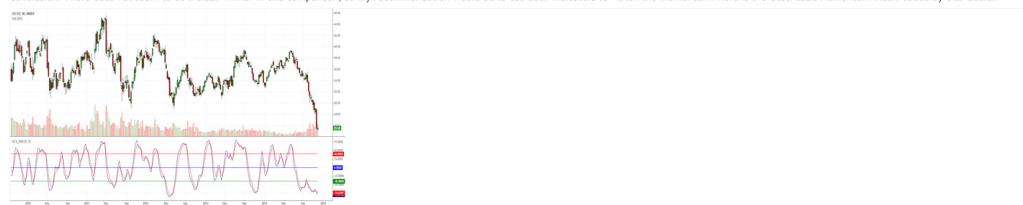








Conclusion: There does not seem to be a clear winner in this comparison, so my recommendation would be to use both indicators to watch the momentum. Here is the 'Stochastic Momentum Index' coded by UCS Gears:



P.S. Both technical analysts are engineers. Tushar Chande holds a Ph.D. in metallurgical engineering from the University of Illinois. And William Blau holds a bachelor's degree in electrical engineering from NYU and a master's in systems engineering and operations research from the University of Pennsylvania.

[▲ Cevap Gönder](#)

LazyBear WIZARD · May 13, 2015 [»](#) [▼](#)

Thanks for the comparison. SMI has TSI in its core (# 5 is the "ergodic" according to Blau), while CMO derives from MOM indirectly too. So, no wonder they all look alike at the end of the day :)

BTW, this is the SMII vs the inbuilt SMI vs CMI.



[▲ Cevap Gönder](#)

ChartArt · May 13, 2015 [»](#) [▼](#)

Now I get confused. What is the difference between:

Blau's SMII / SMIO (SMI Ergodic Indicator/Oscillator)
Blau's SMI (Stochastic Momentum Index)

When I set the build-in SMII to the same periods as the SMI from UCS then I don't get the same result. The SMI seems to be smoother than the SMII.

[▲ Cevap Gönder](#)

LazyBear WIZARD · May 14, 2015 [»](#) [▼](#)

SMII is a custom SMI (diff params), as suggested by Anne-Marie Balynd. More info:



[▲ Cevap Gönder](#)

fabfoot · Tem 22, 2016 [»](#) [▼](#)

So where do we find the code to the SMIIColors indicator?

[▲ Cevap Gönder](#)

fabfoot · Tem 22, 2016 [»](#) [▼](#)

Never mind I figured it out sorry!

[+4 ▲ Cevap Gönder](#)

green_lit_karma · Eyl 4, 2020 [»](#) [▼](#)

@fabfoot, hi couldn't find it myself. Where did you find it?

[▲ Cevap Gönder](#)