# Stochastic Momentum Index

everget WIZARD Mar 27, 2018


Stochastic Oscillator | Centered Oscillators | Momentum Indicator (MOM) | SMI | blau | Stochastics

5 1620

Mar 27, 2018 Stochastic Momentum Index indicator script. This indicator was originally developed by William Blau (Stocks & Commodities V. 11:1 (11-18)).

May 9, 2018 **Sürüm Notları:** Add filling option

Mar 8, 2019 **Sürüm Notları:**

- Added more options to choose preferred styling

Freelance -> Telegram: @alex_everget

A list of Free Indicators:
https://bit.ly/2S7EPuN

A list of Paid indicators:
https://bit.ly/33MA81f

Earn $30:
https://www.tradingview.com/gopro/?share_your_love=everget

Website

**Açık kaynak kodlu komut dosyası**

Gerçek TradingView ruhuyla, bu betiğin yazarı, yatırımcının anlayabilmesi ve doğrulayabilmesi için onu açık kaynak olarak yayınladı. Yazarın eline sağlık! Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yayında yeniden kullanımı 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 anlamına gelmez ve teşkil etmez. Kullanım Şartları'nda daha fazlasını okuyun.

**Bu komut dosyasını bir grafikte kullanmak ister misiniz?**

★ Favori göstergelere ekle

```
//@version=3
// Copyright (c) 2018-present, Alex Orekhov (everget)
// Stochastic Momentum Index script may be freely distributed under the MIT license.
study("Stochastic Momentum Index", shorttitle="SMI")

q = input(title="Stochastic Lookback", type=integer, defval=13, minval=1)
r = input(title="1st Smoothing Length", type=integer, defval=25, minval=1)
s = input(title="2nd Smoothing Length", type=integer, defval=2, minval=1)
signalLength = input(title="Signal Length", type=integer, defval=12, minval=1)
obLevel = input(title="Overbought Level", type=integer, defval=40)
osLevel = input(title="Oversold Level", type=integer, defval=-40)
maxLevel = input(title="Max Level", type=integer, defval=75)
minLevel = input(title="Min Level", type=integer, defval=-75)
src = input(title="Source", type=source, defval=close)
showHistogram = input(title="Show Histogram ?", type=bool, defval=false)
highlightBreakouts = input(title="Highlight Overbought/Oversold Breakouts ?", type=bool, defval=true)
highlightCrossovers = input(title="Highlight SMI/Signal Crossovers ?", type=bool, defval=false)
highlightZeroCrossovers = input(title="Highlight Zero Line Crossovers ?", type=bool, defval=false)
applyFilling = input(title="Apply Ribbon Filling ?", type=bool, defval=false)

hh = highest(q)
ll = lowest(q)

numerator = ema(ema(src - 0.5 * (hh + ll), r), s)
denominator = 0.5 * ema(ema(hh - ll, r), s)

smi = 100 * numerator / denominator
signal = ema(smi, signalLength)

hist = smi - signal
histColor = hist >= 0 ? (hist[1] < hist ? #26A69A : #B2DFDB) : (hist[1] < hist ? #FFCDD2 : #EF5350)
plot(showHistogram ? hist : na, title="Histogram", style=columns, color=histColor, transp=0)

trendColor = smi > signal ? #0ebb23 : red
smiColor = applyFilling ? trendColor : #ff3e7d
signalColor = applyFilling ? trendColor : #3c78d8

smiPlot = plot(smi, title="SMI", color=smiColor, transp=0)
signalPlot = plot(signal, title="Signal", color=signalColor, transp=0)

transparent = color(white, 100)

maxLevelPlot = hline(maxLevel, title="Max Level", linestyle=dotted, color=transparent)
obLevelPlot = hline(obLevel, title="Overbought Level", linestyle=dotted, color=#00796b)
hline(0, title="Zero Level", linestyle=dotted, color=#989898)
```

```
osLevelPlot = hline(osLevel, title="Oversold Level", linestyle=dotted, color=#f57f17)
minLevelPlot = hline(minLevel, title="Min Level", linestyle=dotted, color=transparent)
fill(obLevelPlot, osLevelPlot, color=purple, transp=95)

obFillColor = smi > obLevel and highlightBreakouts ? green : transparent
osFillColor = smi < osLevel and highlightBreakouts ? red : transparent

fill(maxLevelPlot, obLevelPlot, color=obFillColor, transp=85)
fill(minLevelPlot, osLevelPlot, color=osFillColor, transp=85)

fillColor = applyFilling ? trendColor : transparent
fill(smiPlot, signalPlot, color=fillColor, transp=70)

zeroCrossBgColor = highlightZeroCrossovers ? (smi > 0 ? green : red) : transparent
bgcolor(zeroCrossBgColor, transp=90)

plotshape(highlightCrossovers and crossover(smi, signal) ? smi : na, title="Crossover", location=location.absolute, style=shape.circle, size=size.tiny, color=green, transp=0)
plotshape(highlightCrossovers and crossunder(smi, signal) ? smi : na, title="Crossunder", location=location.absolute, style=shape.circle, size=size.tiny, color=red, transp=0)

```

## Yorumlar

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

Alkışlarla yorum | Yorum Paylaş

**brazen22** · Eki 29, 2020

How did you come up with the default settings? They differ from those recommended by William Blau, I'm curious about the discrepancy

+17 Cevap Gönder

**Lhvinsky** PREMİUM · Mar 4, 2021

@brazen22, that is a good point ... is there an answer for this?

+1 Cevap Gönder

**Mysore** · Mar 14, 2020

This indicator works all segment? Where can I get it?

+5 Cevap Gönder

**everget** WİZARD · Mar 14, 2020

@Mysore, you could support the exhausted developer with a cup of coffee at first

+12 Cevap Gönder

**socalstew** PREMİUM · Eki 26, 2020

Thanks. This is good.

+1 Cevap Gönder