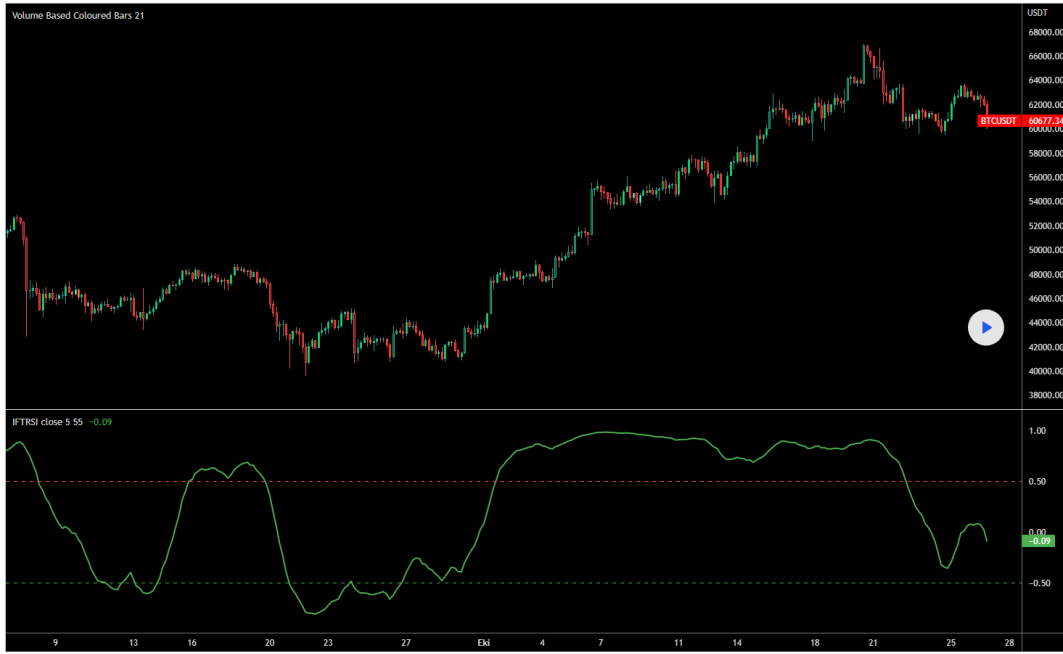




## Inverse Fisher Transform on RSI

KivancOzbilgic [@fr3762](#) Ara 28, 2017

Volume Based Coloured Bars 21



Oscillators inverse fisher inversefishertransform FR3762 ehlers johnehlers

5 5665

Ara 28, 2017

About John EHLERS:

From California, USA, John is a veteran trader. With 35 years trading experience he has seen it all. John has an engineering background that led to his technical approach to trading ignoring fundamental analysis (with one important exception).

John strongly believes in cycles. He'd rather exit a trade when the cycle ends or a new one starts. He uses the MESA principle to make predictions about cycles in the market and trades one hundred percent automatically.

In the show John reveals:

- What is more appropriate than trading individual stocks
- The one thing he relies upon in his approach to the market
- The detail surrounding his unique trading style
- What important thing underpins the market and gives every trader an edge

About INVERSE FISHER TRANSFORM:

The purpose of technical indicators is to help with your timing decisions to buy or sell. Hopefully, the signals are clear and unequivocal. However, more often than not your decision to pull the trigger is accompanied by crossing your fingers. Even if you have placed only a few trades you know the drill.

In this article I will show you a way to make your oscillator-type indicators make clear black-or-white indication of the time to buy or sell. I will do this by using the Inverse Fisher Transform to alter the Probability Distribution Function (PDF) of your indicators. In the past I have noted that the PDF of price and indicators do not have a Gaussian, or Normal, probability distribution. A Gaussian PDF is the familiar bell-shaped curve where the long "tails" mean that wide deviations from the mean occur with relatively low probability. The Fisher Transform can be applied to almost any normalized data set to make the resulting PDF nearly Gaussian, with the result that the turning points are sharply peaked and easy to identify. The Fisher Transform is defined by the equation

1) Whereas the Fisher Transform is expansive, the Inverse Fisher Transform is compressive. The Inverse Fisher Transform is found by solving equation 1 for x in terms of y. The Inverse Fisher Transform is:

2) The transfer response of the Inverse Fisher Transform is shown in Figure 1. If the input falls between -0.5 and +0.5, the output is nearly the same as the input. For larger absolute values (say, larger than 2), the output is compressed to be no larger than unity. The result of using the Inverse Fisher Transform is that the output has a very high probability of being either +1 or -1. This bipolar probability distribution makes the Inverse Fisher Transform ideal for generating an indicator that provides clear buy and sell signals.

Oca 6, 2018

Sürüm Notları: here is the code

```
//@version=3
// author: KIVANC @fr3762 on twitter
// creator John EHLERS
//
study("Inverse Fisher Transform on RSI", shorttitle="IFTRSI")
rsilenlength=input(5, "RSI Length")
wmalenlength=input(9, title="Smoothing length")
v1=0.1*(rsi(close, rsilenlength)-50)
v2=wma(v1,wmalenlength)
INV=(exp(2*v2)-1)/(exp(2*v2)+1)
plot(INV, color=green, linewidth=2)
hline(0.5, color=red)
hline(-0.5, color=green)
```

Eki 27, 2021

Sürüm Notları: added option to select source price

Twitter: @kivancozbilgic

YouTube (Turkish): <http://youtube.com/c/kivancozbilgic>

YouTube (English): <https://www.youtube.com/channel/UCJWTFINVEwUceyGt45UpB2-Q>

#### Korumalı komut dosyası

Bu komut dosyası kapalı kaynak olarak yayınlanmıştır ve özgürce kullanabilirsiniz. Bir grafikte kullanmak için favorilerinize ekleyebilirsiniz. Kaynak kodunu görüntüleyemez veya değiştiremezsiniz.

#### 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

## Yorumlar

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

Alışlarla yorum

Yorumu Paylaş



**TayfunBolsu**

Ara 23, 2019

Kıvanç hocam hisse senetlerinde de bu indikatör kullanırmı teşekkürler

+18 Cevap Gönder



**bahadirekici**

Oca 7, 2018

Youtube'daki videlerinizi takip ederek çalışıyorum.İndikatörler için şükler hocam.

+1 Cevap Gönder



**CoinLazim**

Eki 27, 2021

Kıvanç Hocam bu çalışmaların 2018'de olduğu gibi sıklaştırsanız memnun oluruz. Bu çalışma için de teşekkürler.

Cevap Gönder



**basariliadam33**

Ağu 23, 2021

Kıvanç Hocam indikatör için teşekkür ederim. Bu tarz bişey arıyordum biraz deneyip notlarımı tekrar buraya düşerim.

Cevap Gönder



**Bazinos**

Ara 31, 2017

look nice to hide false signals

Cevap Gönder

Stratejinizi yükleyin