Ehlers Instantaneous Trend [LazyBear]

LazyBear WIZARD May 22, 2015

ABD Doları / Japon Yeni · 4s · FXCM · TradingView A121.473 Y121.553 D121.397 K121.444 −0.029 (−0.02%)
EIT_LB 121.152 121.152 121.228

Ehlers Instantaneous Trendline

lazybear   custom   indicators   ehlers   Trend Lines   Alt Moving Average   💬 32   🚩   🔗   👍 6199

One more to add to the Ehlers collection.

Ehlers Instantaneous Trendline, by John Ehlers , identifies the market trend by doing removing cycle component. I think, this simplicity is what makes it attractive :) To understand Ehlers's thought process behind this, refer to the PDF linked below.

There are atleast 6 variations of this iTrend. This version is from his early presentations.

Is this better than a simple HMA? May be, May be not. I will leave it to you to decide :)

I have added options to show this as a ribbon, and to color bars based on ITrend. Check out the options page.

More info:
- ITrend: http://www.mesasoftware.com/seminars/AfT...

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

```
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="Ehlers Instantaneous Trend [LazyBear]", shorttitle="EIT_LB", overlay=true, precision=3)
8  src=input(hl2, title="Source")
9  a= input(0.07, title="Alpha", step=0.01)
10 fr=input(false, title="Fill Trend Region")
11 ebc=input(false, title="Enable barcolors")
12 hr=input(false, title="Hide Ribbon")
13 it=(a-((a*a)/4.0))*src+0.5*a*a*src[1]-(a-0.75*a*a)*src[2]+2*(1-a )*nz(it[1], ((src+2*src[1]+src[2])/4.0))-(1-a )*(1-a )*nz(it[2], ((src+2*src[1]+src[2])/4.0))
14 lag=2.0*it-nz(it[2])
15 dl=plot(fr and (not hr)?(it>lag?lag:it):na, color=gray, style=circles, linewidth=0, title="Dummy")
16 itl=plot(hr?na:it, color=fr?gray:red, linewidth=1, title="Trend")
17 ll=plot(hr?na:lag, color=fr?gray:blue, linewidth=1, title="Trigger")
18 fill(dl, ll, green, title="UpTrend", transp=70)
19 fill(dl, itl, red, title="DownTrend", transp=70)
20 bc=not ebc?na:(it>lag?red:lime)
21 barcolor(bc)
22
```

Yorumlar

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

Alkışlarla yorum | Yorum Paylaş

sjcwealth · Ağu 5, 2016

How do you get the lines filled in red or green color?

+11 ▲ Cevap Gönder

> **Entity** · Ara 11, 2016
>
> @sjcwealth, Enable them on the indicator options (Cog wheel)
>
> +4 ▲ Cevap Gönder
>
> > **sjcwealth** · Ara 11, 2016
> >
> > @Entity, Thanks for your reply!
> >
> > +1 ▲ Cevap Gönder

tarikim · Haz 14, 2020

T3 tillson better than this. thanks anyway, nice work.

+7 ▲ Cevap Gönder

> **SFRADS** · Tem 22, 2020
>
> @tarikim, thank you for saying this. I didn't know about Tillson until I read your comment. Thought I'd thank you for opening my eye to it. I've been doing TA for over 2 years and this was the first I heard of it. What the hell have I been doing wrong.
>
> +2 ▲ Cevap Gönder
>
> **Andydray** `PRO` · Eki 4, 2020
>
> @tarikim, Checked out T3 tillson after your comment & not sure how it's better than Ehlers Trend. Perhaps you could enlighten us ?
>
> +2 ▲ Cevap Gönder
>
> **shajiscs** · Nis 16, 2021
>
> @tarikim, please give me link of t3 tillson. I can't find sorry
>
> +7 ▲ Cevap Gönder

Crit_Nasty · May 28, 2015

For some reason when I add the indicator to the chart, the EMAs are not filled with the red and green trend indi colors...

+6 ▲ Cevap Gönder

> **Crit_Nasty** · May 28, 2015
>
> NVM. I figures out how to change it's paramaters. Thank you for this wonderful indi!
>
> ▲ Cevap Gönder
>
> > **LazyBear** `WIZARD` · May 31, 2015
> >
> > yw :)
> >
> > ▲ Cevap Gönder
>
> **sjcwealth** · Ağu 5, 2016
>
> How do you get them filled in on the chart,please?
>
> +1 ▲ Cevap Gönder

fabfoot · May 25, 2015

I am new to following you. I would like the ribbon version but can't seem to find the options page. How do I do this?

+3 ▲ Cevap Gönder

> **LazyBear** `WIZARD` · May 25, 2015
>
> Click on the gear icon (tooltip shows "Format") next to the indicator name to open the options page.
>
> +6 ▲ Cevap Gönder
>
> > **fabfoot** · May 25, 2015
> >
> > Thanks
> > Please add a comment... Positive feedback and constructive criticism are important to authors and the community.
> >
> > +1 ▲ Cevap Gönder
> >
> > **shajiscs** · Nis 16, 2021
> >
> > @LazyBear, please give me link of T3 tillson indicator
> >
> > ▲ Cevap Gönder

ChartArt · May 23, 2015

Fantastic. Thank you for coding all these Ehlers indicators!

+1 ▲ Cevap Gönder

> **LazyBear** `WIZARD` · May 25, 2015
>
> yw :)
>
> ▲ Cevap Gönder

brenthudson2 `PRO+` · Ara 16, 2021

Very new on here is there a scrip or indicator set that can help me get this view please

▲ Cevap Gönder

coreyfgarber `PRO+` · May 4, 2021

Better to combine the trend line with a 15 super smoother line. The price line isn't so useful. Then you'd have an actual difference of price oscillation showing a movement back toward the mean.

▲ Cevap Gönder

shajiscs · Nis 16, 2021

Great work bro

▲ Cevap Gönder

marketrading001 · Ara 27, 2020

Just as a note, this is a very old version of the instantaneous trendline. He most recently updated this with his decycler.

▲ Cevap Gönder

Dykeman3 · Oca 22, 2021

@marketrading001, Hi, do you have a source for this information? I'm looking forward to implement this update. Thanks!

▲ Cevap Gönder

marketrading001 · Oca 23, 2021

@Dykeman3, You can find ehlers simple decycler here on TV. I re-looked at them, and though they're coded differently, it's the same function: subtracting a highpass filter from the data. The difference is that you get to choose the length with the updated decycler, but here you're only given alpha to choose. If you want more information, I think there is an article about his decycler on the internet.

▲ Cevap Gönder

firerider · May 8, 2020

Thank you for all the aweseome scripts!

▲ Cevap Gönder

marcomania PREMIUM · Eyl 4, 2019

Hello LB, one question for you with regards to this indicator. It looks that can be compiled only if the code is written under @version2 rules.
would you know how to update the following into @version4 ?
it=(a-((a*a)/4.0))*src+0.5*a*a*src-(a-0.75*a*a)*src+2*(1-a)*nz(it, ((src+2*src+src)/4.0))-(1-a)*(1-a)*nz(it, ((src+2*src+src)/4.0))
appreciated if you can help, and thanks for your continuos ideas production
MM

▲ Cevap Gönder

GRE666X PRO+ · Eki 24, 2019

@marcomania, i think you give, 'it=@ a value of 0
it=0.0
it:=(a-((a*a)/4.0))*src+0.5*a*a*src-(a-0.75*a*a)*src+2*(1-a)*nz(it, ((src+2*src+src)/4.0))-(1-a)*(1-a)*nz(it, ((src+2*src+src)/4.0))

▲ Cevap Gönder

marcomania PREMIUM · Kas 10, 2019

@GRE666X, thanks very much and sorry for the late reply. Cheers. MM

▲ Cevap Gönder

zzzsong PRO · Tem 18, 2019

this indicator looks great.. thanks
i just looked at your list of indicators.. wow.. so many.. what is your favorite indicator of all?

▲ Cevap Gönder

shikareee PREMIUM · Tem 19, 2019

@zzzsong, I use this one myself daily and been profiting nicely. better than any other MA script.

+3 ▲ Cevap Gönder

MONEYMENOW PREMIUM · Haz 3, 2016

SECOND BEST .. After the RSI bands.. this is the one...great work..

▲ Cevap Gönder

moneymaking · May 22, 2015

Thank you for sharing lazy bear :)

▲ Cevap Gönder

LazyBear WIZARD · May 22, 2015

yw :)

+1 ▲ Cevap Gönder