



ZigZag with Fibonacci Levels
LonesomeTheBlue Ara 10, 2020

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Ara 10, 2020 Hello Traders,

This is "ZigZag with Fibonacci Levels" script. It finds the [ZigZag](#), draw Fibonacci lines and put labels accordingly. I get many requests for this script, so here it is.

You can set [ZigZag](#) period as you wish. Bigger numbers (such 20, 30) may give better perspective and result.

It draws Fibonacci levels between 0%-100% and if the price goes higher/lower than 100% level then the script draws Fibonacci Levels accordingly. This means it draws Fibonacci levels until these levels get higher/lower than the price.

As an example:



If you don't want to see [ZigZag](#) Lines then you have option to disable it and see only Fibonacci levels:



You have coloring options for [Zigzag](#), Fibonacci lines and texts:





Enjoy!

Ara 10, 2020 • Sürüm Notları: Added Price Levels to the labels.

Ara 28, 2020 • Sürüm Notları: - You have now option to enable/disable following Fibonacci Levels:

- > 0.236
- > 0.382
- > 0.500
- > 0.618
- > 0.786

- "Label Location" option added. Fibonacci levels can be shown at Left or Right, when the session is closed then labels at right may not be shown accordingly.

An example: some fibonacci levels disabled, also labeling at right.



Eyl 29, 2021 • Sürüm Notları: Options improved

Zigzag part improved
round_to_mintick() function used
bar_index is used for labels (instead of time)

Eki 4, 2021 • Sürüm Notları: updated

[Website](#)

Açık kaynak kodu komut dosyası ⓘ

Gercek TradingView rühuyla, bu betijin yazan, yazarının anlayabilmesi ve doğrulanabilmesi için onu açık kaynak olarak yayınladı. Yazının eline sağlıklı Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yayında yemden kullanım [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](#)

```

1 // This source code is subject to the terms of the Mozilla Public License 2.0 at https://mozilla.org/MPL/2.0/
2 // © LonesomeTheBlue
3
4 // @version=4
5 study("ZigZag with Fibonacci levels", overlay = true, max_bars_back = 500, max_lines_count = 300)
6 prd = input(defval = 15, title="ZigZag Period", minval = 2, maxval = 50)
7 showzigzag = input(defval = true, title = "Show Zig Zag")
8 showfib = input(defval = true, title = "Show Fibonacci Ratios")
9 labeled = input(defval = color.blue, title = "Text Color for Fibo Levels")
10 fibolinecol = input(defval = color.lime, title = "Line Color for Fibo Levels")
11 upcol = input(defval = color.lime, title = "Zigzag Colors", inline = "zcol")
12 downcol = input(defval = color.red, title = "", inline = "zcol")
13 labelloc = input(defval = "left", title = "Label Location", options = ["Left", "Right"])
14 enable236 = input(defval = true, title = "Enable Level 0.236")
15 enable382 = input(defval = true, title = "Enable Level 0.382")
16 enable500 = input(defval = true, title = "Enable Level 0.500")
17 enable618 = input(defval = true, title = "Enable Level 0.618")
18 enable786 = input(defval = true, title = "Enable Level 0.786")
19
20 var fibo_ratios = array.new_float(0)
21 var showlevels = 1
22 if barstate.isfirst
23     array.push(fibo_ratios, 0.000)
24     if enable236
25         array.push(fibo_ratios, 0.236)
26         showlevels := showlevels + 1
27     if enable382
28         array.push(fibo_ratios, 0.382)
29         showlevels := showlevels + 1
30     if enable500
31         array.push(fibo_ratios, 0.500)
32         showlevels := showlevels + 1
33     if enable618
34         array.push(fibo_ratios, 0.618)
35         showlevels := showlevels + 1
36     if enable786
37         array.push(fibo_ratios, 0.786)
38         showlevels := showlevels + 1
39     for x = 1 to 5
40         array.push(fibo_ratios, x)
41         array.push(fibo_ratios, x + 0.272)
42         array.push(fibo_ratios, x + 0.414)
43         array.push(fibo_ratios, x + 0.616)
44
45 float ph = highestbars(high, prd) == 0 ? high : na
46 float pl = lowestbars(low, prd) == 0 ? low : na
47 var dir = 0
48 dir := iff(ph and na(pl), 1, iff(pl and na(ph), -1, dir))
49 var max_array_size = 10

```

```

var zigzag = array.new_float(0)
oldzigzag = array.copy(zigzag)

add_to_zigzag(value, index) =>
    array.unshift(zigzag, value)
    array.unshift(zigzag, value)
    if array.size(zigzag) > max_array_size
        array.pop(zigzag)
        array.pop(zigzag)

update_zigzag(value, index) =>
    if array.size(zigzag) == 0
        add_to_zigzag(value, index)
    else
        if (dir == 1 and value > array.get(zigzag, 0)) or (dir == -1 and value < array.get(zigzag, 0))
            array.set(zigzag, 0, value)
            array.set(zigzag, 1, index)
        else
            0

bool dirchanged = (dir != dir[1])
if ph or pl
    if dirchanged
        add_to_zigzag(dir == 1 ? ph : pl, bar_index)
    else
        update_zigzag(dir == 1 ? ph : pl, bar_index)

if showzigzag and array.size(zigzag) >= 4 and array.size(oldzigzag) >= 4
    var line zline = na
    if array.get(zigzag, 0) != array.get(oldzigzag, 0) or array.get(zigzag, 1) != array.get(oldzigzag, 1)
        if array.get(zigzag, 2) == array.get(oldzigzag, 2) and array.get(zigzag, 3) == round(array.get(oldzigzag, 3))
            line.delete(zline)
            zline := line.new(x1 = round(array.get(zigzag, 1)), y1 = array.get(zigzag, 0), x2 = round(array.get(zigzag, 3)), y2 = array.get(zigzag, 2), color = dir == 1 ? upcol : dncol, width = 2)

var fibolines = array.new_line()
var fibolabels = array.new_label()
if showfib and array.size(zigzag) >= 6 and barstate.islast
    if array.size(fibolines) > 0
        for x = 0 to array.size(fibolines) - 1
            line.delete(array.get(fibolines, x))
            label.delete(array.get(fibolabels, x))

diff = array.get(zigzag, 4) - array.get(zigzag, 2)
stopit = false
for x = 0 to array.size(fibo_ratios) - 1
    if stopit and x > showlevels
        break
    array.unshift(fibolines,
        line.new(x1 = round(array.get(zigzag, 5)),
            y1 = array.get(zigzag, 2) + diff * array.get(fibo_ratios, x),
            x2 = bar_index,
            y2 = array.get(zigzag, 2) + diff * array.get(fibo_ratios, x),
            color = fibolinecol,
            extend = extendright))
    label_x_loc = labelloc == "Left" ? round(array.get(zigzag, 5)) - 1 : bar_index + 15
    array.unshift(fibolabels,
        label.new(x = label_x_loc,
            y = array.get(zigzag, 2) + diff * array.get(fibo_ratios, x),
            text = tostring(array.get(fibo_ratios, x), "#.##") + (" + " + tostring(round(to_minick(array.get(zigzag, 2) + diff * array.get(fibo_ratios, x)))) + ""),
            style = labelstyle))

if (dir == 1 and array.get(zigzag, 2) + diff * array.get(fibo_ratios, x) > array.get(zigzag, 0)) or
    (dir == -1 and array.get(zigzag, 2) + diff * array.get(fibo_ratios, x) < array.get(zigzag, 0))
    stopit := true

```

Yorumlar



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

Alkışlarla yorum

[Yorum Paylaş](#)

 Confucius-The-Great PREMIUM · Oca 6, 2021

Boy oh boy, this is a godsend.

Thanks! =D

100 klein

Rainne · Eyl 1, 2021

Hi! Thank you for

100 koin

 Jittra · Ara 10, 2020

Thanks. Someone should make strategy from this

Cevap Gönder

Duyck WIZARD - Ara 10, 2020

Very Nice automatic

Gr, JD.

 LonesomeTheBlue **WIZARD** · Ara 10, 2020  
@Duyck, Thank you mate :)

+2 ▲ Cevap Gönder

Ismimin tarihi yazılması lazım Abi, ellerine emegine sağlık....
+4 Cevap Gönder

lucidreamer15 Apr 10, 2020

@indifati_Ahim.mz

FXBombSquadron · Ara 10, 2020

+3 ▲ Cevap Gönder

One more nice addition to your publications, thank you ^.^

+3 ▲ Cevap Gönder

 **kunduz** · Ara 10, 2020  

Tan bir kod makinasisin ustad. Eline saglik.

+3 ▲ Cevap Gönder

 **Geld PRO+** · Oca 10, 2021  

This is amazing! Thank you.

+2 ▲ Cevap Gönder

 **COXXOC** · Ara 12, 2020  

Best Fibo in my life!

+2 ▲ Cevap Gönder

 **Baker_Street** · Nis 21, 2021  

Can you make a option to show fib in past zigzag swings?? Something like pivot point where i can see past data also

+1 ▲ Cevap Gönder

 **lifezgood** · Oca 22, 2021  

My favourite indicator. Thank you so much!!!

+1 ▲ Cevap Gönder

 **ahmedabdellah PRO+** · Oca 9, 2021  

amazing

+1 ▲ Cevap Gönder

 **Maltrifı PREMIUM** · Oca 8, 2021  

Thanks for your great work ,Very Nice

+1 ▲ Cevap Gönder

 **Dmitry325** · Ara 30, 2020  

Thank you for your sharing and your outstanding knowledge!

+1 ▲ Cevap Gönder

 **FiratOz** · Ara 27, 2020  

Really good Job thank you very much and congurgulations! :)))

+1 ▲ Cevap Gönder

 **niceboomer PRO** · Ara 12, 2020  

Awesome job. Thanks a lot for your hard work.

+1 ▲ Cevap Gönder

 **Maikop PRO** · Ara 11, 2020  

Best of Bests.

+1 ▲ Cevap Gönder

 **vipsy6 PREMIUM** · Ara 11, 2020  

Please add FIB values on right side. Much convenient to use.

+1 ▲ Cevap Gönder

 **blackcat1402 PREMIUM** · Ara 10, 2020  

this is the best fibo i have ever seen in tradingview, great work, thanks for sharing this!

+1 ▲ Cevap Gönder

 **grknbzм** · Ara 10, 2020  

Thank you body. Nice work...

+1 ▲ Cevap Gönder

 **axihakan18** · Nis 10  

repaint ??

▲ Cevap Gönder

 **muggubuggy PRO** · Mar 11  

A wonderfull indicator! Its magic :D

Is it possible to convert the code into a Metatrader 5 indicator?

Greetings from Leipzig, Germany

▲ Cevap Gönder

 **tosmartak** · Oca 7  

Thank you so much bro. You are just the best. I found it hard to be able to set an alert based on the changes in zig zag direction or color. It would really be lovely to be able to do that.

Thank you so much once again!

▲ Cevap Gönder

 **Russ0328** · Kas 19, 2021  

Good day sir! Thank you so much for this indicator, its a big help for me!

▲ Cevap Gönder

 **samsmonic00837164** · Kas 17, 2021  

is it possible to convert this to mt4

▲ Cevap Gönder

 **cebelli** · Eki 3, 2021  

selam hocam indikator super ötesi bir şey ellerinize sağlık çok güzel

▲ Cevap Gönder

 **Skipper86 PRO** · Eki 2, 2021  

Nice update, thanks!

▲ Cevap Gönder

A alicelik77 PRO+ · Eyl 30, 2021

Good

▲ Cevap Gönder

F faith_defender PRO+ · Eyl 29, 2021

OK. Sure

▲ Cevap Gönder

B bcc4success · Eyl 21, 2021

OMG this fibo level indicator is amazing, I love it

Keep on fire dude

Thank You verymuch :)

▲ Cevap Gönder

T Thierry24 PRO+ · Ağu 23, 2021

GOOD JOB

▲ Cevap Gönder

G gianfranco60 · Haz 27, 2021

May you add vp (poc) or BB or togheter on your work please? Great work!

▲ Cevap Gönder

jmgm77 · Haz 13, 2021

Hola puede hacer uno solo zigzag.... gracias

▲ Cevap Gönder

TraderX_Unknown · Haz 4, 2021

can i know which variable is for the highest point and lowest point for fibo?
i would like to add into my custom screener for screen the crypto with this fibo.

▲ Cevap Gönder

TraderX_Unknown · Haz 2, 2021

best auto fibo indicator ever!

But i would hope there an option to show to current fibo level, if there are no breaking high, then trend is change will draw by using lastest high/low.
So i can predict what price i should place for limit order at level 0.618.

▲ Cevap Gönder

TraderX_Unknown · Haz 2, 2021

@TraderX_Unknown, for current version example now is uptrend which is green color, then show the green color high & low for fibo. It normally show after red line is showed and the price is already far away from 0.618 level

▲ Cevap Gönder

TraderX_Unknown · Haz 2, 2021

@TraderX_Unknown, for current version example now if now is green line, It normally show fibo after red line is showed and the price is already far away from 0.618 level.

Hope to get show if the current line is green then show current green fibo.

▲ Cevap Gönder

Lij_MC PREMIUM · Ara 23, 2020

Amazing Work!

Could you add the Golden Pocket please 0.65%

▲ Cevap Gönder

M mdmuthu PRO · Ara 16, 2020

I am new. Your work is awesome. My request is that If you were to add Elliot Wave counts and projections based on them it would be excellent.

▲ Cevap Gönder

CryptoArch_ PREMIUM · Ara 10, 2020

Nice script and coding maestro. Couple thing (suggestion only) what will be nice to see on this indicator (I try to do that but I'm not even "C" of coder like you). For people who using zigzag and fibonacci is good to see from last confirm zigzag point retracement from last low/high (like on pic 01). Also I try to made code (not even close) to choose/move starting point for fibonacci (to choose last or couple back zigzag levels, reference point) like another maestro e2e4mfck done in "Absolute Retracement".



▲ Cevap Gönder

LonesomeTheBlue WIZARD · Ara 10, 2020

@CryptoArch_, Thank you for the comment.. 0 level of Fibonacci retracement you draw is not yet confirmed because price may go down and zigzag points change when this happens. I think the script work correctly. As I see what e2e4mfck made is different, also no need to put chart in the comment section, if you have an idea please send me private message then we can talk about it ;)

+1 ▲ Cevap Gönder