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### TECHNICAL ANALYSIS





### **OSCILLATORS**

### range bound prices

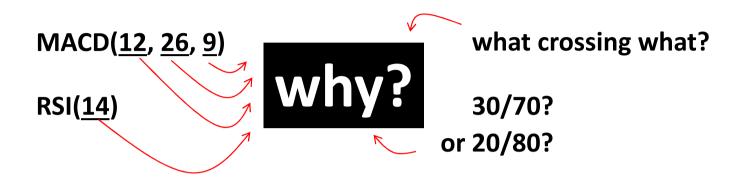




[0, 100] [0, 1] [-1, 1]

### SMOOTHING MACD(12, 26, 9)

get rid of noise (with averages)



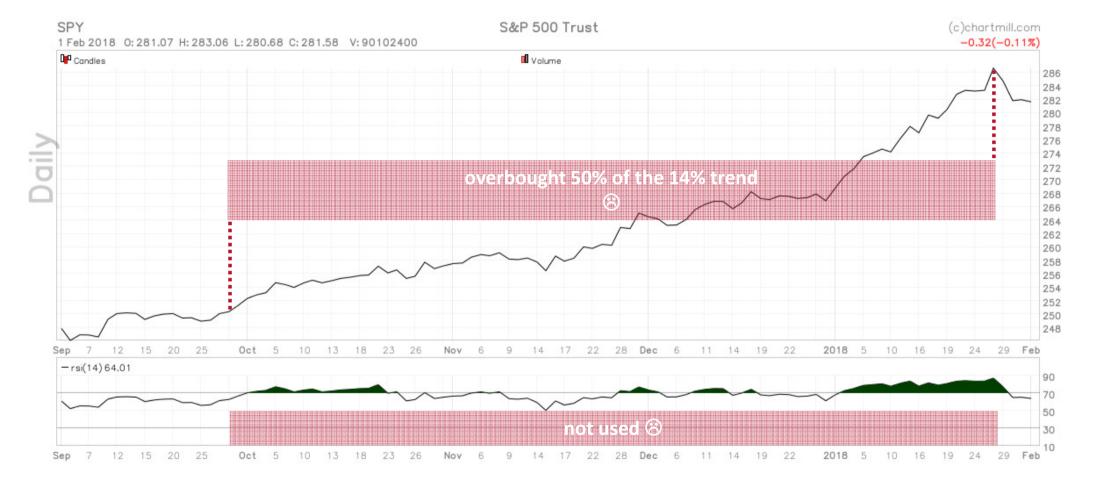
### 50 WAYS TO USE AN OSCILLATOR

ILLUSION OF CONTROL

**CURVE FITTING** 



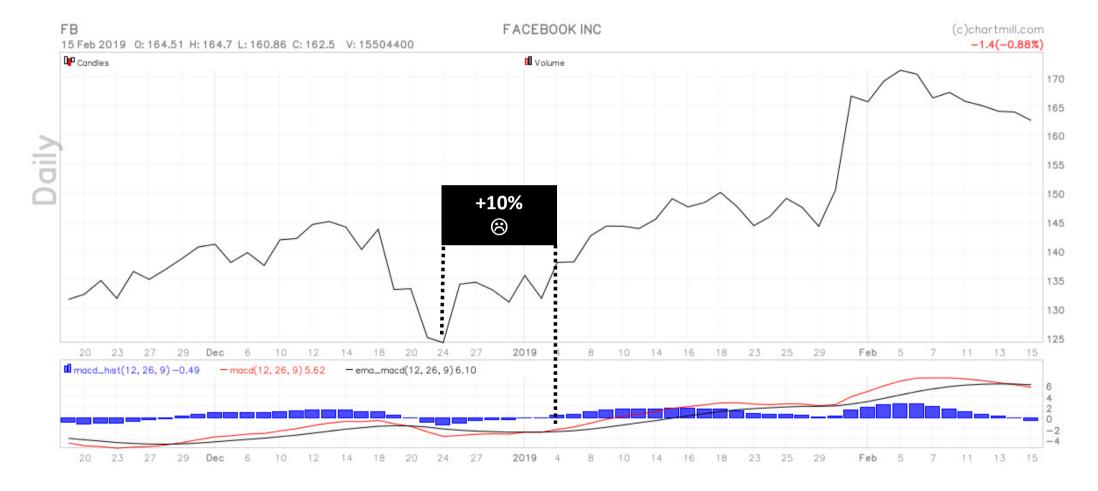
**SUBJECTIVITY** 



#### oscillators are **SHORT TERM** indicators!

tijdelijk te duur NOOIT te goedkoop ©

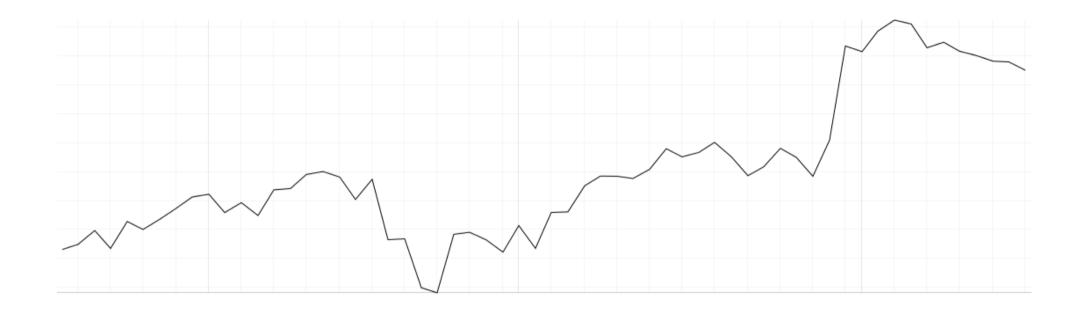
**STICKINESS** 



but ...

... oscillators are **SHORT TERM** indicators!

LAG



### PRICE IS WHAT YOU VALUE IS WHAT

PAY YOU GET

A TRANSACTION IS AN BUT A AGREEMENT OVER DISAGREEMENT

CURRENT PRICE OVER FUTURE PRICE

**OUR RESULT WILL FUTURE TRANSACTIONS** FOLLOW FROM BY OTHER PEOPLE

**VALUE** 

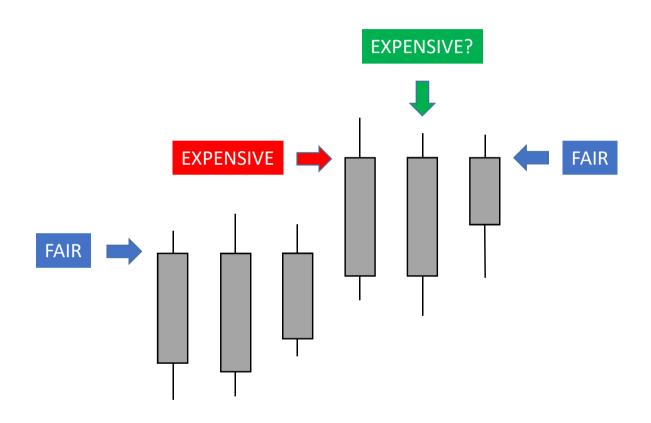
LONG TERM FUNDAMENTAL **ANALYSIS** 

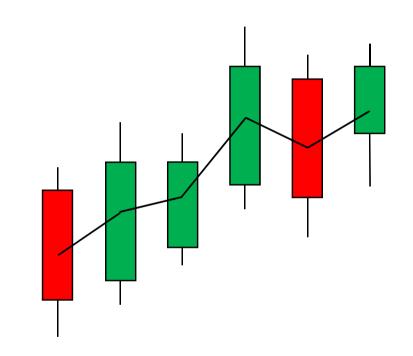
SHORT TERM **VALUE** 

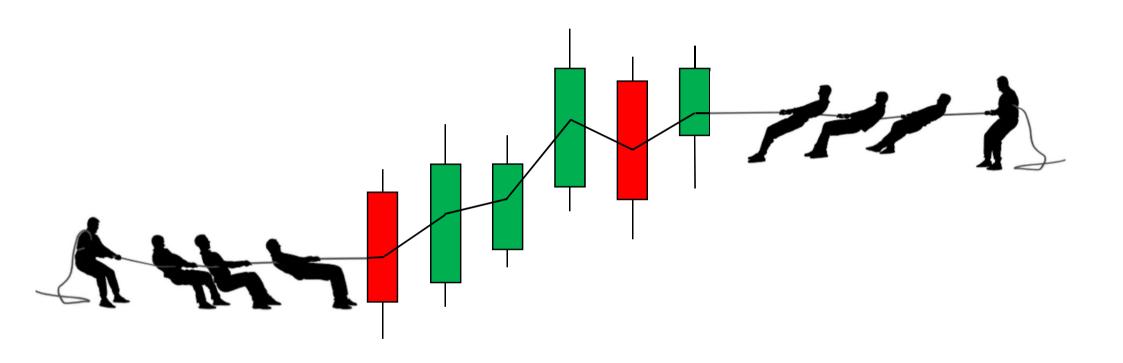
**EMOTIONS CURRENT PRICE RECENT PRICES** AND PERSONAL PROFIT/LOSS

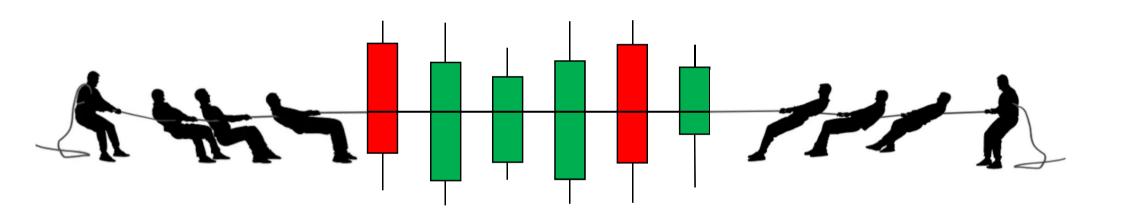


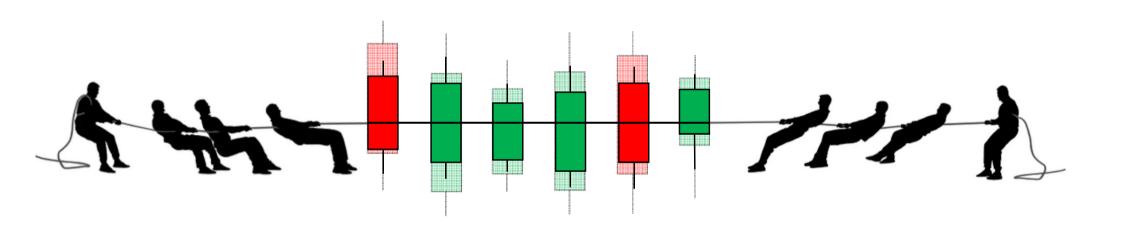
### SHORT TERM RELATIVE VALUE











## CHARTMILL.com VALUE INDICATOR

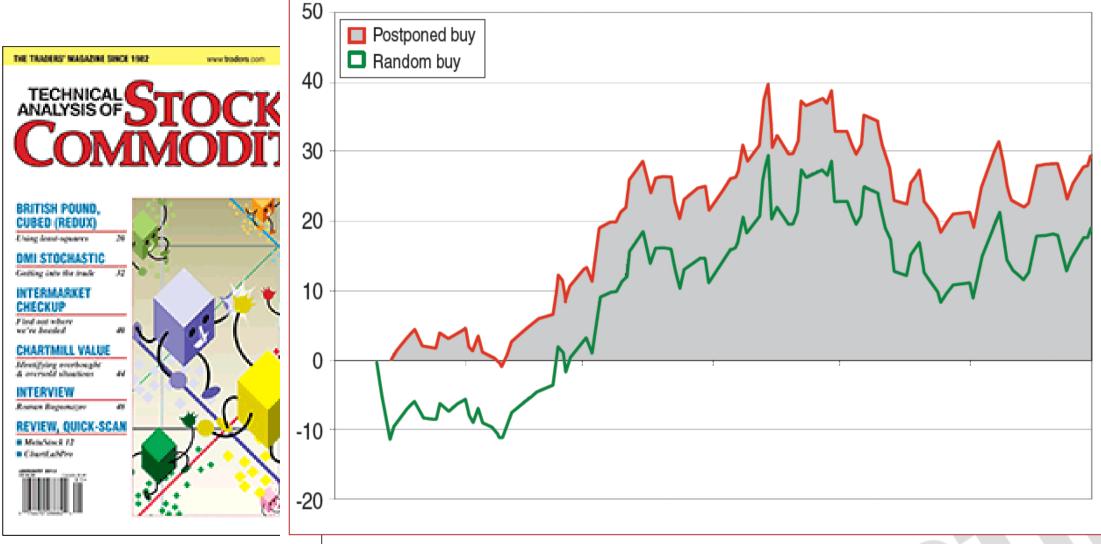
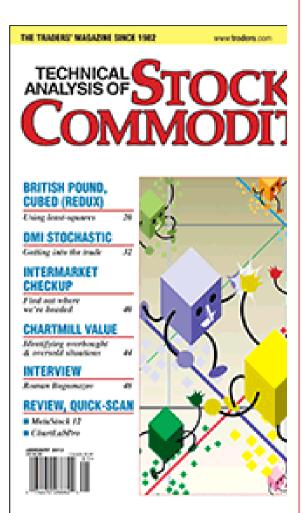


FIGURE 2: EQUITY CURVE OF AN AVERAGE RANDOM BUY VERSUS A POSTPONED RANDOM BUY. Here you see a comparison of an average random buy (during a bull market) and what would happen if the buy is postponed until a CVI undervaluation (<-8) is recorded or if that doesn't happen within a week, the setup is aborted.



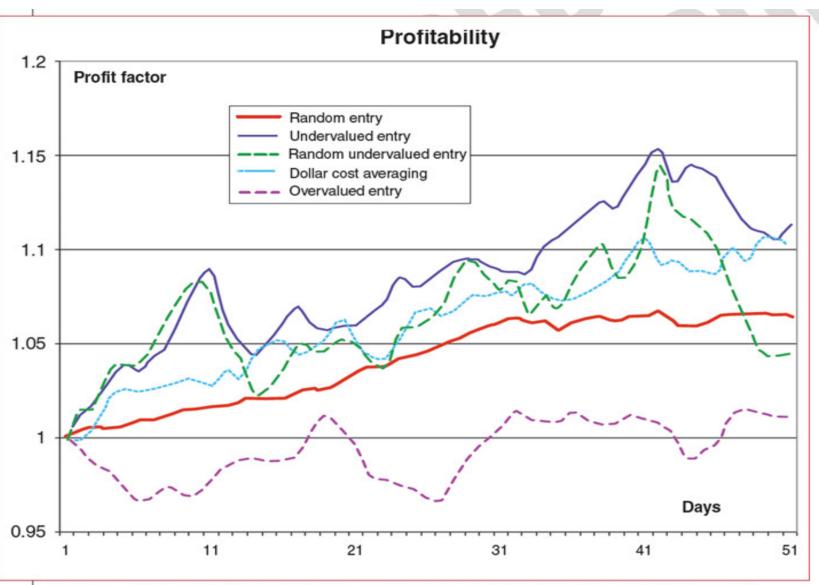
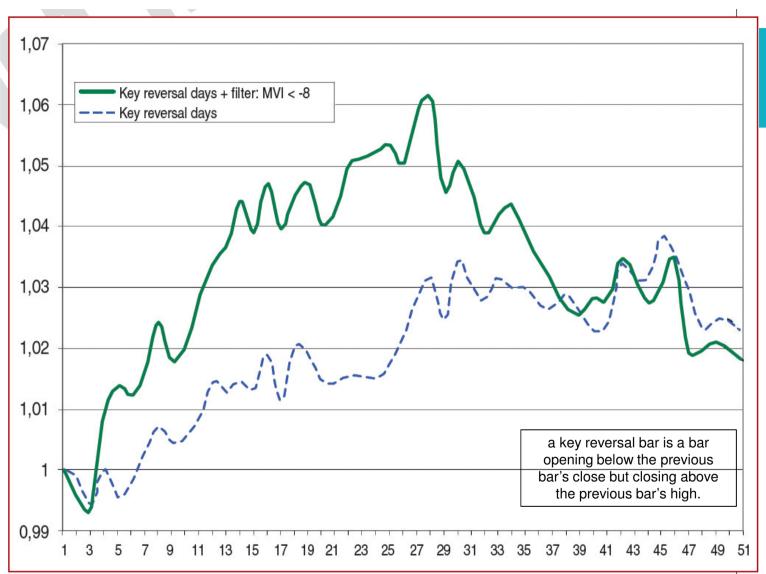


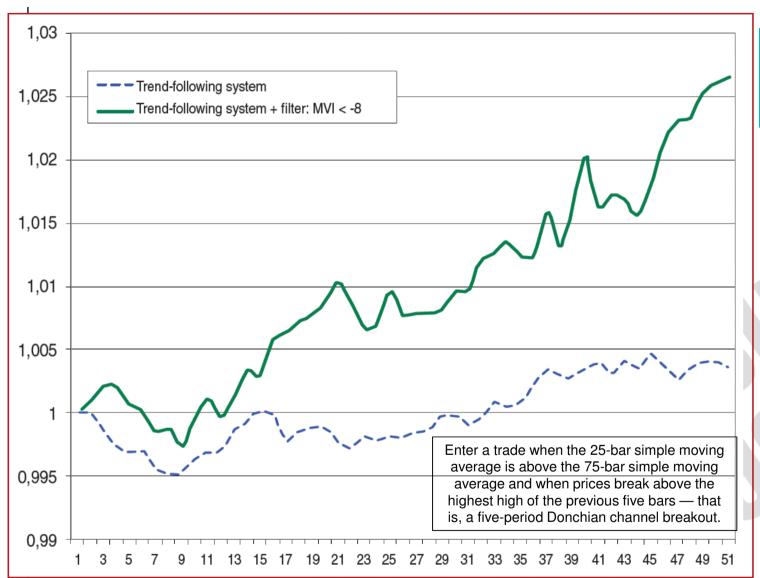
FIGURE 3: DIFFERENT ENTRY STRATEGIES COMPARED TO AN UNDERVALUED CVI ENTRY SYSTEM. Buying while the CVI is undervalued in the short-term (CVI<-8) seems to pay off against other entry strategies. All systems are compared to a random entry system.



**FIGURE 2: THE CHARTMILL VALUE INDICATOR AS A PATTERN CATALYST.** Here, you see the effect on the average return for 50 days after a key reversal day compared to when those key reversals are taken when the CVI < -8. This demonstrates the possible positive effect of buying near short-term cheapness as indicated by the CVI.

### **PATTERN FILTER**

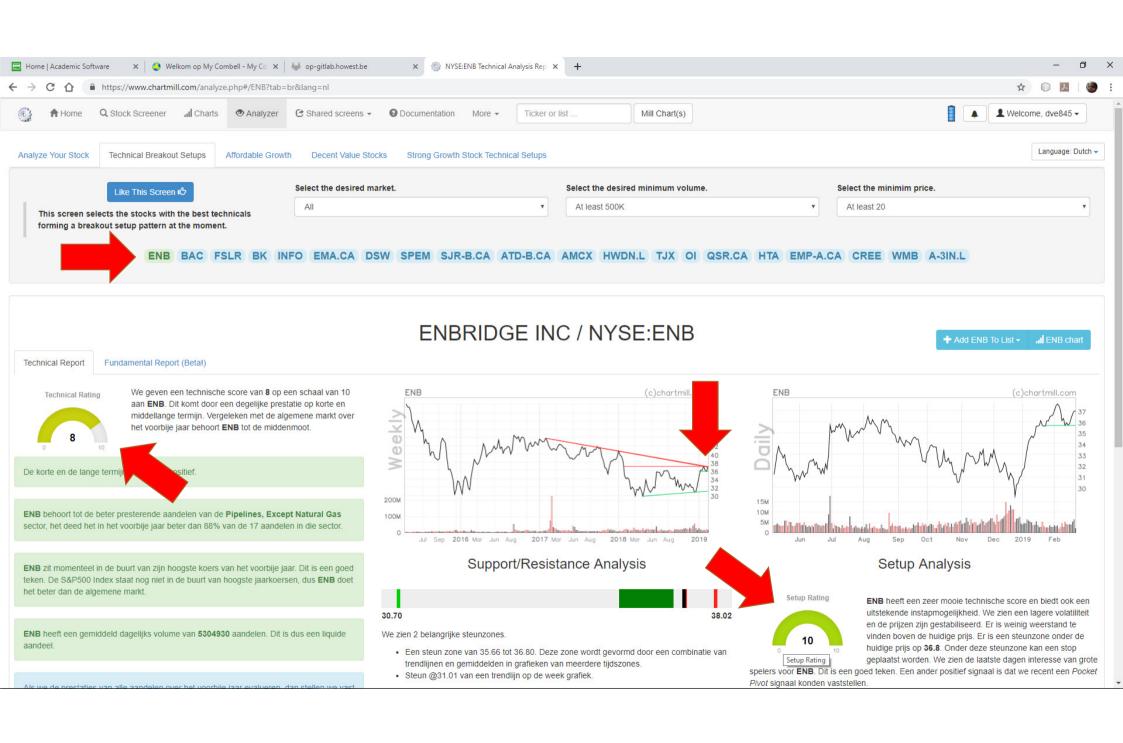


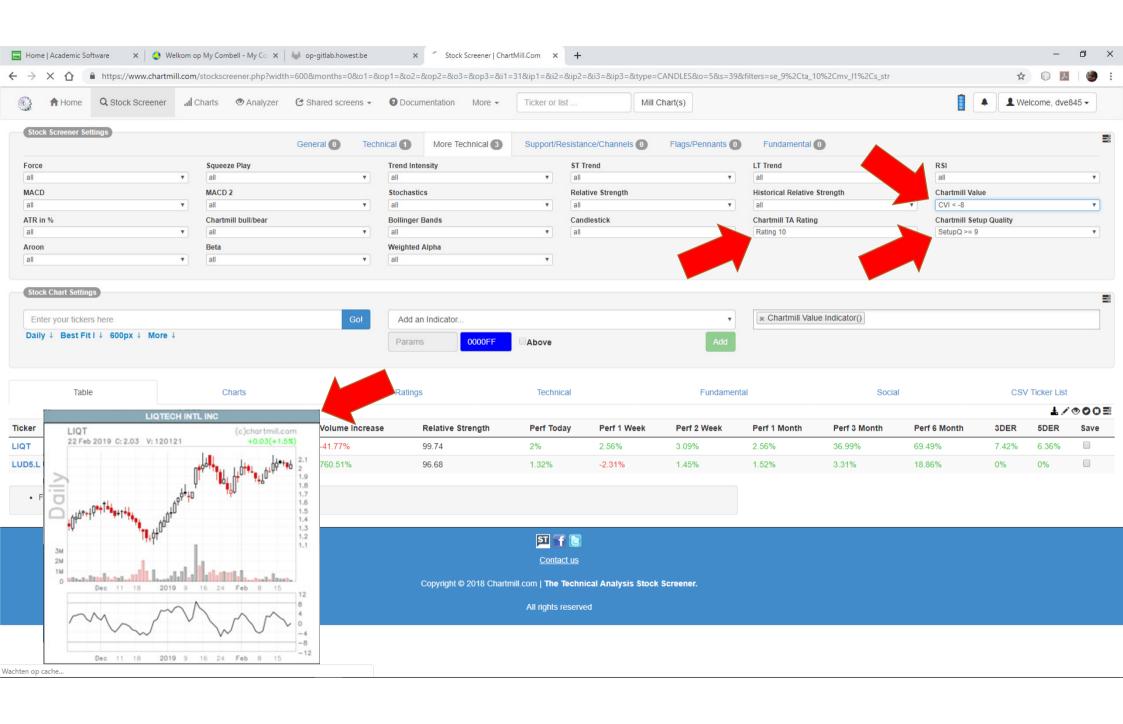


**FIGURE 3: THE CHARTMILL VALUE INDICATOR AS A TRADE SYSTEM ENHANCER.** Here, you see the effect on the return of a trend-following trade system when entries are taken when the Chartmill value indicator shows short-term undervaluation. Note its superior performance to the unenhanced trend-following system (dotted line).

### **SYSTEM FILTER**







# PROMO VFB



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Position Sizing & Risicobeheer



Grootte IS van belang



DIRK VANDYCKE

