

Stocks & Commodities

May Issue Pac Code

CQG custom studies definitions for the article “The Quest for Reliable Crossovers.”

Overview

Below is the CQG component pac codes for creating the custom studies detailed in sidebar number five of Sylvain Vervoort’s article, “The Quest for Reliable Crossovers.” The article is featured in the [Technical Analysis of Stocks & Commodities](#) May issue.

Each study uses a parameters setup called Period. Traders can easily modify the look-back period from the study. Click the **Parms** button to create the Period parameters. The default period in the CQG component pac is ten bars for the TEMA study and fifty-five bars for the ZLHA and the ZLCL studies.

Codes

TEMA Code

```
(3* MA(@,Exp,Period))-(3* MA( MA(@,Exp,Period),Exp,Period))+ MA( MA( MA(@,Exp,Period),Exp,Period),Exp,Period)
```

ZLHA Code

```
HAOpen:=(((( Open(@)+ High(@)+ Low(@)+ Close(@))/4)[-1])+HAOpen[-1])/2;
HAClose:=(( Open(@)+ High(@)+ Low(@)+ Close(@))/4+HAOpen + Maximum( High(@),HAOpen)+
Minimum( Low(@),HAOpen))/4;
TEMA1:= TEMA.c1^(HAClose,Period);
TEMA2:= TEMA.c1^(TEMA1,Period);
Diff:=TEMA1-TEMA2;
TEMA1+Diff
```

ZLCL Code

```
TEMA1:= TEMA.c1^(@,Period);
TEMA2:= TEMA.c1^(TEMA1,Period);
Diff:=TEMA1-TEMA2;
TEMA1+Diff
```

Disclaimer

This study has been created based on the documents supplied by [Technical Analysis of Stocks & Commodities](#) magazine and is for educational purposes only.

Contact Us

www.cqg.com | websales@cqg.com | Or call your CQG sales representative

US 1-800-525-7082 | **Japan** +81 (0) 3-3286-6633 | **UK** +44 (0) 20-7827-9500 | **Russia** +7 495-795-2410

France +33 (0) 1-74-18-07-81 | **Germany** +49 (0) 69-920-7920 | **Singapore** +65 6720-3165 | **Australia** +61 (2) 9235-2009