$F(i) = \sum_{j=1}^{M} c_j X_j(i).$

(=1, N is the

the coefficients are found by nininizing

$$D = \sum_{i=1}^{N} \left[Y(i) - A(i) - F(i) \right]^{2}$$

where Y(i) is the target time series (flux us time for target star?...

and for frequency analysis

$$A(i) = \langle Y \rangle = \frac{1}{N} \sum_{k=1}^{N} Y(k) = \text{const.}$$

DETAILS OF KERNEL

Day = Jay - May Mxy = (ROK)xy + Bxy / s.t. $min(\chi^2) = min\left(\sum_{xy} \frac{Txy - Mxy}{\sigma_{xy}}\right)$ for $K = \sum_{i} q_{i} K_{i}$ i of q_{i} basis functions.

we're optimiting.

I dolta-functions. · Backgrand, identity, I delta function (discrete) tosis KE>Kxy, em Mxy = Ixy + Bxy + (R&K)xy = \(\times \text{ xy m b in } \)

Im ternel coeffs (background ternity) (an obviously) "background term"

(an obviously bad model...)

the decrete berns"

| Titk, gtg / - Ity
| Lim x'y = -k | decrete | terms | ter

for k their kernel size.