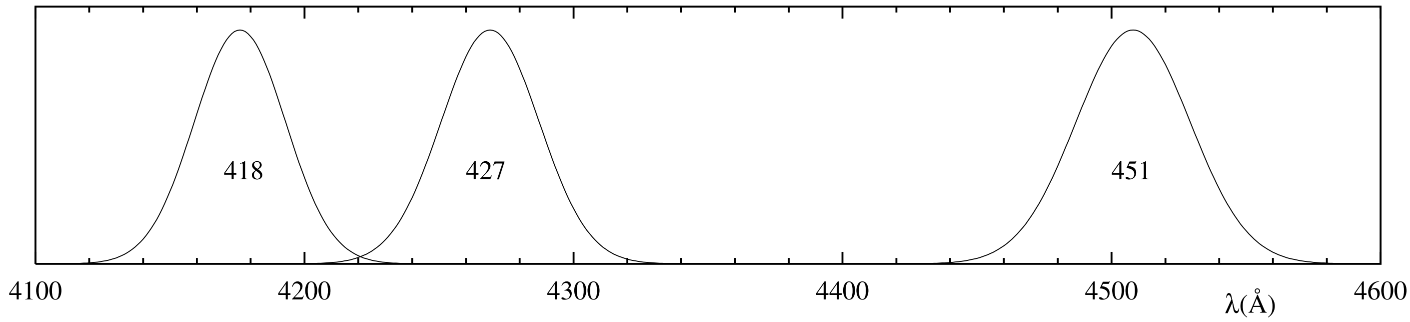
Uppsala - Haggkvist and Oja - 1970



418 (interference filter) assumed profile: gaussian

$\lambda_c = 4176$

$\mathrm{WHM} = 40$

$W_\circ = 43$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4176	4176	4176	4176	4176	4166
[43]	[42]	[42]	[42]	[41]	[36]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4177	4175	4177	4176	4176	4176

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.25\ ^{1.23}_{1.29}$ $\quad a = \genfrac{}{}{0pt}{}{0.989}{0.989} \quad b = \genfrac{}{}{0pt}{}{1.291}{1.291} \quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.40\ ^{1.38}_{1.48}$ $\quad a = \genfrac{}{}{0pt}{}{0.989}{0.989} \quad b = \genfrac{}{}{0pt}{}{1.292}{1.291} \quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.61\ ^{1.57}_{1.72}$ $\quad \frac{A(\lambda)}{E(B-V)}: \quad (4.281, 0.080)^{r=1.00}_{B3} \quad (4.600, 0.101)^{r=1.00}_{Sun} \quad (5.253, 0.087)^{r=1.00}_{M2}$

$\lambda_{eff} = 4176.0 + 0.2 \times E(B-V)$ r=1.00 $\quad W_{eff} = 42.6 - 0.0 \times E(B-V)$ r=-0.95

$\lambda_{eff}(T) = 4175.7 + 0.7 \times \theta + 0.4 \times \theta^2 - 0.2 \times \theta^3$ $\quad W_{eff}(T) = 42.6 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

427 (interference filter) assumed profile: gaussian

$\lambda_c = 4269$

$\mathrm{WHM} = 43$

$W_\circ = 46$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4269	4269	4268	4268	4270	4268
[46]	[46]	[45]	[44]	[46]	[42]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4269	4268	4270	4269	4270	4268

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.23\ ^{1.22}_{1.27}$ $\quad a = \genfrac{}{}{0pt}{}{0.994}{0.994} \quad b = \genfrac{}{}{0pt}{}{1.175}{1.175} \quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.38\ ^{1.36}_{1.45}$ $\quad a = \genfrac{}{}{0pt}{}{0.993}{0.993} \quad b = \genfrac{}{}{0pt}{}{1.176}{1.176} \quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.57\ ^{1.53}_{1.67}$ $\quad \frac{A(\lambda)}{E(B-V)}: \quad (4.201, 0.079)^{r=1.00}_{B3} \quad (4.514, 0.100)^{r=1.00}_{Sun} \quad (5.154, 0.085)^{r=1.00}_{M2}$

$\lambda_{eff} = 4269.0 + 0.3 \times E(B-V)$ r=1.00 $\quad W_{eff} = 45.8 - 0.0 \times E(B-V)$ r=-0.95

$\lambda_{eff}(T) = 4268.7 + 0.7 \times \theta + 0.5 \times \theta^2 - 0.3 \times \theta^3$ $\quad W_{eff}(T) = 45.8 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$

451 (interference filter) assumed profile: gaussian

$\lambda_c = 4508$

$\mathrm{WHM} = 50$

$W_\circ = 53$

B3	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
4508	4508	4508	4508	4508	4505
[53]	[53]	[53]	[54]	[54]	[50]
WN	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
4510	4508	4505	4507	4508	4508

$\frac{A(\lambda)}{A(V)}|_{5.0} = 1.18\ ^{1.17}_{1.22}$ $\quad a = \genfrac{}{}{0pt}{}{1.005}{1.005} \quad b = \genfrac{}{}{0pt}{}{0.869}{0.869} \quad B3$

$\frac{A(\lambda)}{A(V)}|_{3.1} = 1.30\ ^{1.28}_{1.37}$ $\quad a = \genfrac{}{}{0pt}{}{1.005}{1.005} \quad b = \genfrac{}{}{0pt}{}{0.869}{0.868} \quad Sun$

$\frac{A(\lambda)}{A(V)}|_{2.1} = 1.45\ ^{1.41}_{1.55}$ $\quad \frac{A(\lambda)}{E(B-V)}: \quad (3.977, 0.074)^{r=1.00}_{B3} \quad (4.272, 0.094)^{r=1.00}_{Sun} \quad (4.879, 0.081)^{r=1.00}_{M2}$

$\lambda_{eff} = 4508.0 + 0.4 \times E(B-V)$ r=1.00 $\quad W_{eff} = 53.2 - 0.0 \times E(B-V)$ r=-0.96

$\lambda_{eff}(T) = 4507.6 + 0.9 \times \theta + 0.6 \times \theta^2 - 0.3 \times \theta^3$ $\quad W_{eff}(T) = 53.2 + 0.1 \times \theta - 0.1 \times \theta^2 - 0.0 \times \theta^3$