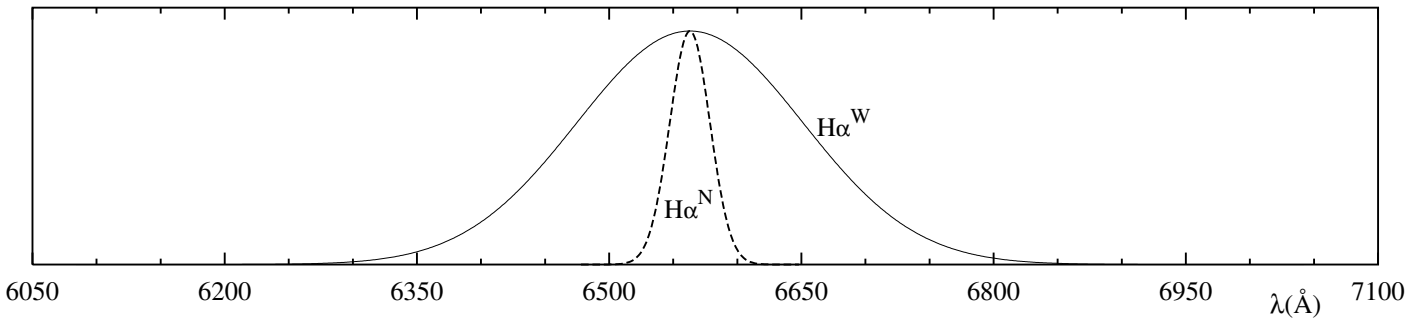
Hα - Strauss and Ducati - 1981



Hα_{narrow} assumed profile: gaussian			*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6563$			6563	6563	6563	6563	6563	6564
WHM = 37			[40]	[40]	[40]	[39]	[40]	[40]
$W_\circ = 39$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\ ^{0.83}_{0.87}$	$a = {}^{0.909}_{0.909}\ b = {}^{-0.282}_{-0.282}$ *B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.78\ ^{0.76}_{0.81}$	$a = {}^{0.909}_{0.909}\ b = {}^{-0.282}_{-0.282}$ *Sun*	6563	6566	6568	6567	6565	6563
	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.69\ ^{0.68}_{0.74}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.367, 0.044)^{r=1.00}_{B3}$	$(2.543, 0.056)^{r=1.00}_{Sun}$			$(2.904, 0.048)^{r=1.00}_{M2}$		
	$\lambda_{eff} = 6563.0 + 0.1 \times E(B-V)$ r=1.00		$W_{eff} = 39.4 - 0.0 \times E(B-V)$ r=-0.97					
	$\lambda_{eff}(T) = 6562.8 + 0.2 \times \theta + 0.2 \times \theta^2 - 0.1 \times \theta^3$		$W_{eff}(T) = 39.4 + 0.0 \times \theta - 0.0 \times \theta^2 - 0.0 \times \theta^3$					

Hα_{wide} assumed profile: gaussian			*B3*	*Vega*	*Sun*	*K2*	*M2*	*Carbon*
$\lambda_c = 6563$			6559	6559	6562	6563	6560	6577
WHM = 208			[221]	[222]	[222]	[222]	[215]	[220]
$W_\circ = 221$	$\frac{A(\lambda)}{A(V)}\|_{5.0} = 0.84\ ^{0.83}_{0.87}$	$a = {}^{0.909}_{0.909}\ b = {}^{-0.282}_{-0.282}$ *B3*	*WN*	*WC*	PN_{Ne}	PN^{Ne}	*Nova*	*WDA*
	$\frac{A(\lambda)}{A(V)}\|_{3.1} = 0.78\ ^{0.76}_{0.81}$	$a = {}^{0.909}_{0.909}\ b = {}^{-0.282}_{-0.283}$ *Sun*	6565	6573	6573	6570	6567	6559
	$\frac{A(\lambda)}{A(V)}\|_{2.1} = 0.69\ ^{0.68}_{0.74}$	$\frac{A(\lambda)}{E(B-V)}$: $(2.370, 0.043)^{r=1.00}_{B3}$	$(2.544, 0.055)^{r=1.00}_{Sun}$			$(2.907, 0.047)^{r=1.00}_{M2}$		
	$\lambda_{eff} = 6563.0 + 4.1 \times E(B-V)$ r=1.00		$W_{eff} = 221.6 - 0.7 \times E(B-V)$ r=-0.97					
	$\lambda_{eff}(T) = 6558.2 + 5.9 \times \theta + 6.2 \times \theta^2 - 2.8 \times \theta^3$		$W_{eff}(T) = 220.9 + 1.4 \times \theta - 0.7 \times \theta^2 - 0.8 \times \theta^3$					