

Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG84_HRS16_96_D65_00%_O0

$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$

$$n^* = 1 - \max(olv^*) = 1 - i^*$$

CIELAB-Buntonwinkel:

$$b^*_{olv^*}$$

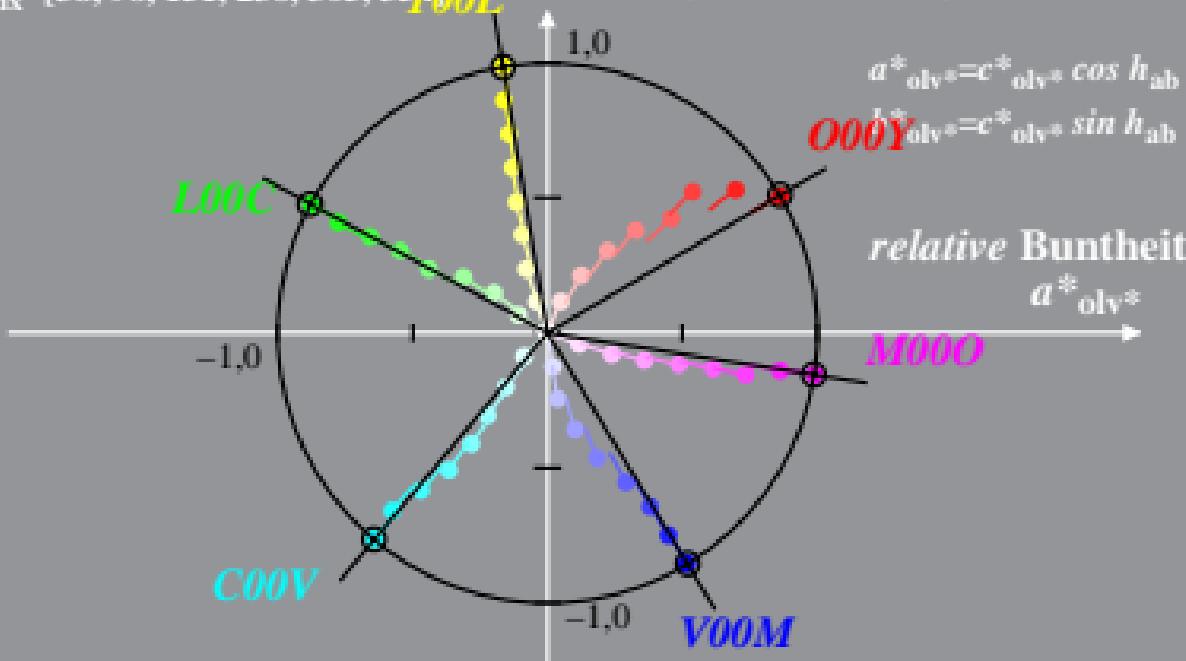
$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,dx} = [38, 96, 151, 236, 305, 350]$$

Y00L

$$w^* = \min(olv^*) = 1 - d^*$$

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$



$$a^*_{olv^*} = c^*_{olv^*} \cos h_{ab}$$

$$b^*_{olv^*} = c^*_{olv^*} \sin h_{ab}$$

relative Buntheit

$$a^*_{olv^*}$$

Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG84_HRS16_96_D65_00%_O1 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$ $n^* = 1 - \max(olv^*) = 1 - i^*$

CIELAB-Buntonwinkel:

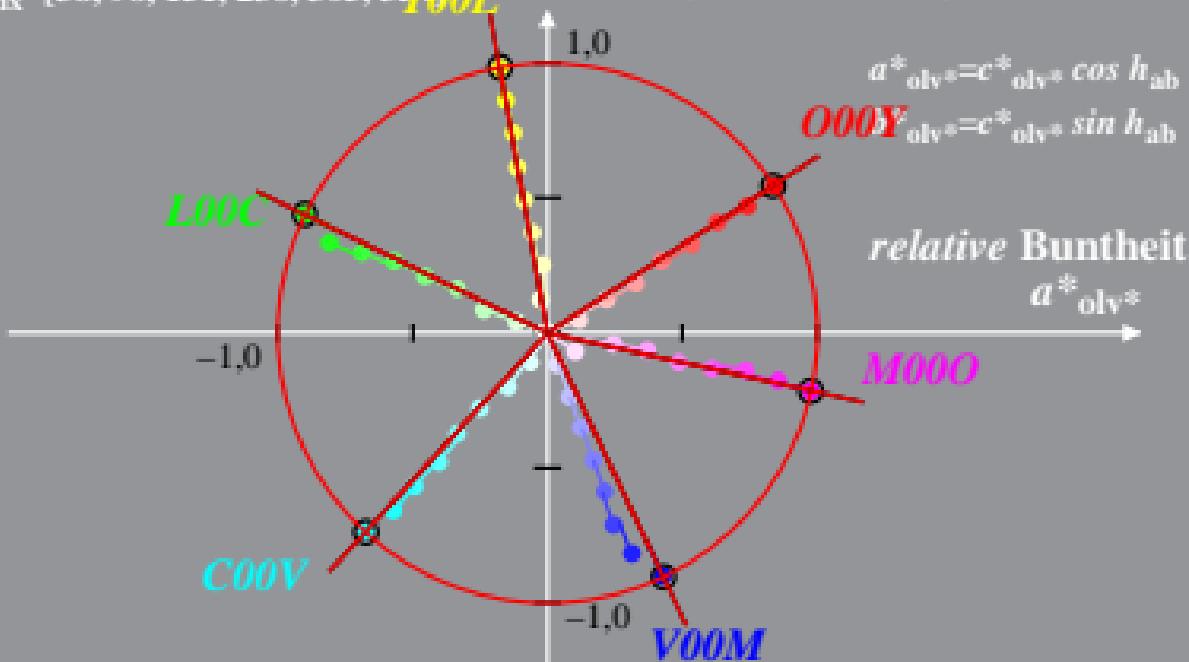
$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,dx} = [38, 96, 151, 236, 305, 354]$$

Y00L

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$



Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG84_HRS16_96_D65_25%_O0

$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$

$$n^* = 1 - \max(olv^*) = 1 - i^*$$

CIELAB-Buntonwinkel:

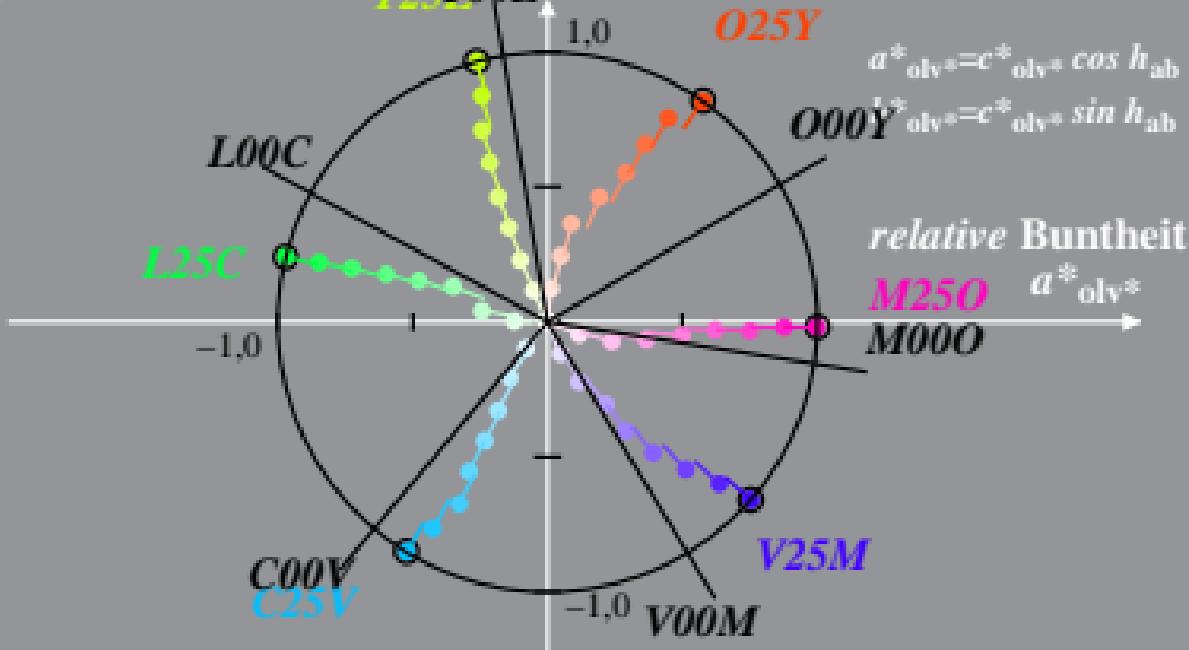
$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

$$h_{ab,dx} = [52, 109, 172, 253, 317, 367]$$

$Y25Y00L$



Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG84_HRS16_96_D65_25%_O1 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$ $n^* = 1 - \max(olv^*) = 1 - i^*$

CIELAB-Buntonwinkel:

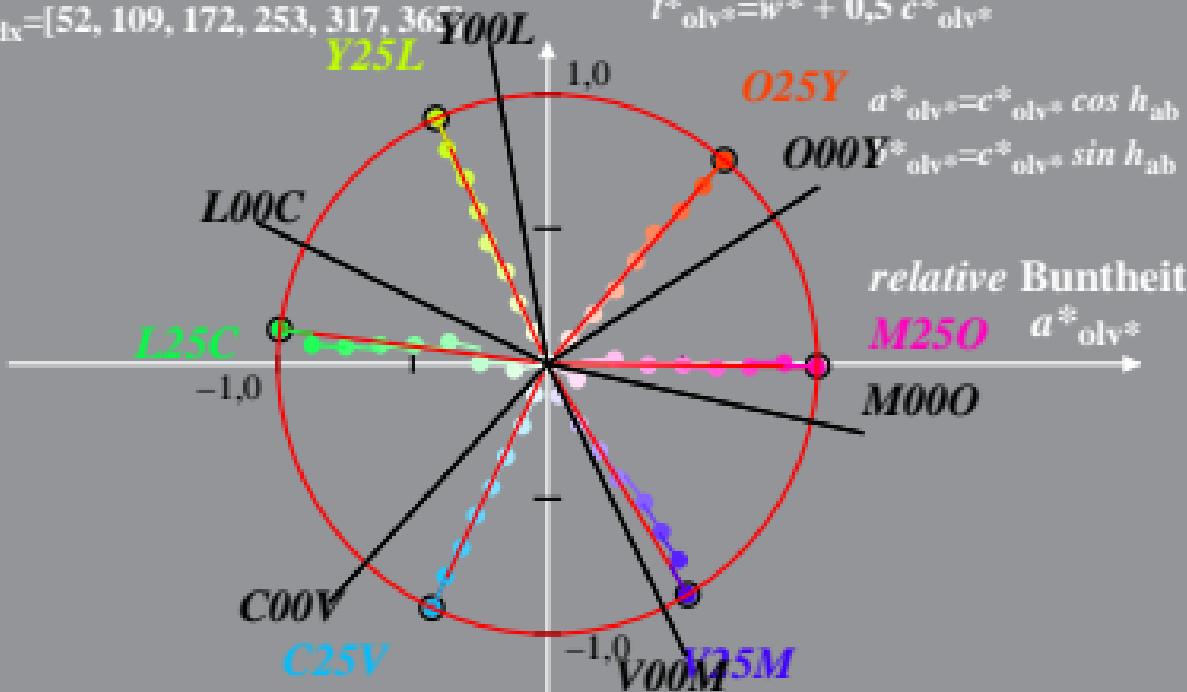
$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,dx} = [52, 109, 172, 253, 317, 365]$$

$$b^*_{olv^*}$$

$$w^* = \min(olv^*) = 1 - d^*$$

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$



relative Buntheit

$$M25O \quad a^*_{olv^*}$$

$$M000$$

Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG84_HRS16_96_D65_50%_O0 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; f^*_{olv^*} = f^*_{lab^*}$ $n^* = 1 - \max(olv^*) = 1 - i^*$

CIELAB-Buntonwinkel:

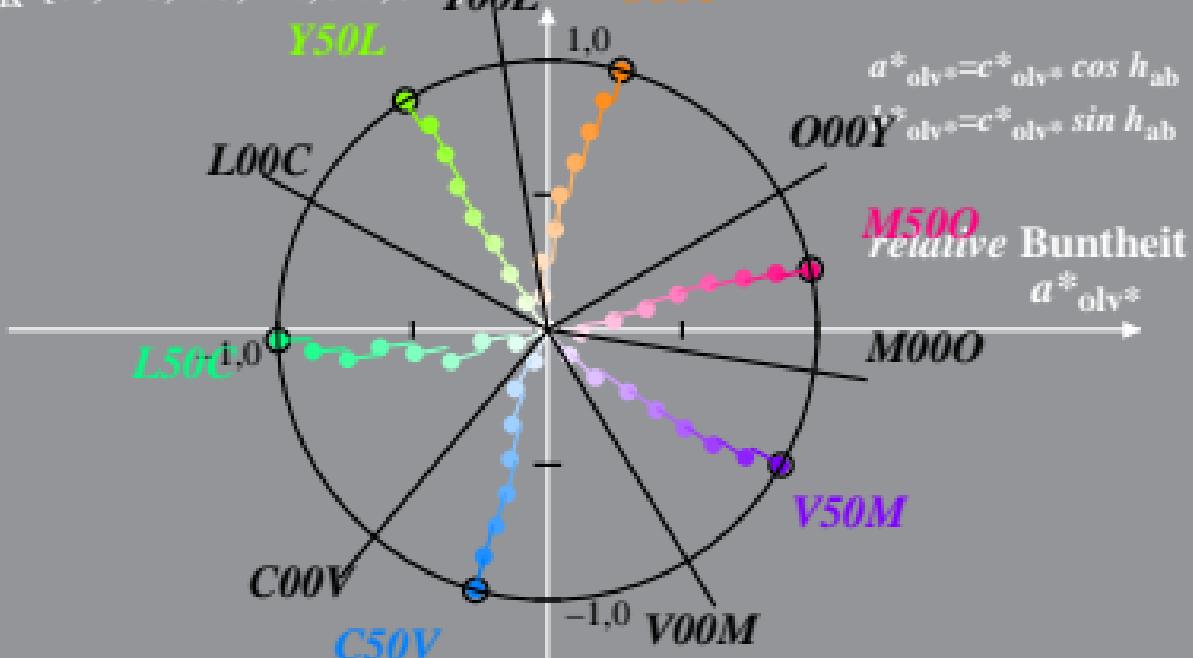
$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,dx} = [67, 123, 193, 270, 329, 376]$$

$Y00L$

$$O50Y^* = w^* + 0,5 c^*_{olv^*}$$



Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG84_HRS16_96_D65_50%_O1

$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$

$$n^* = 1 - \max(olv^*) = 1 - i^*$$

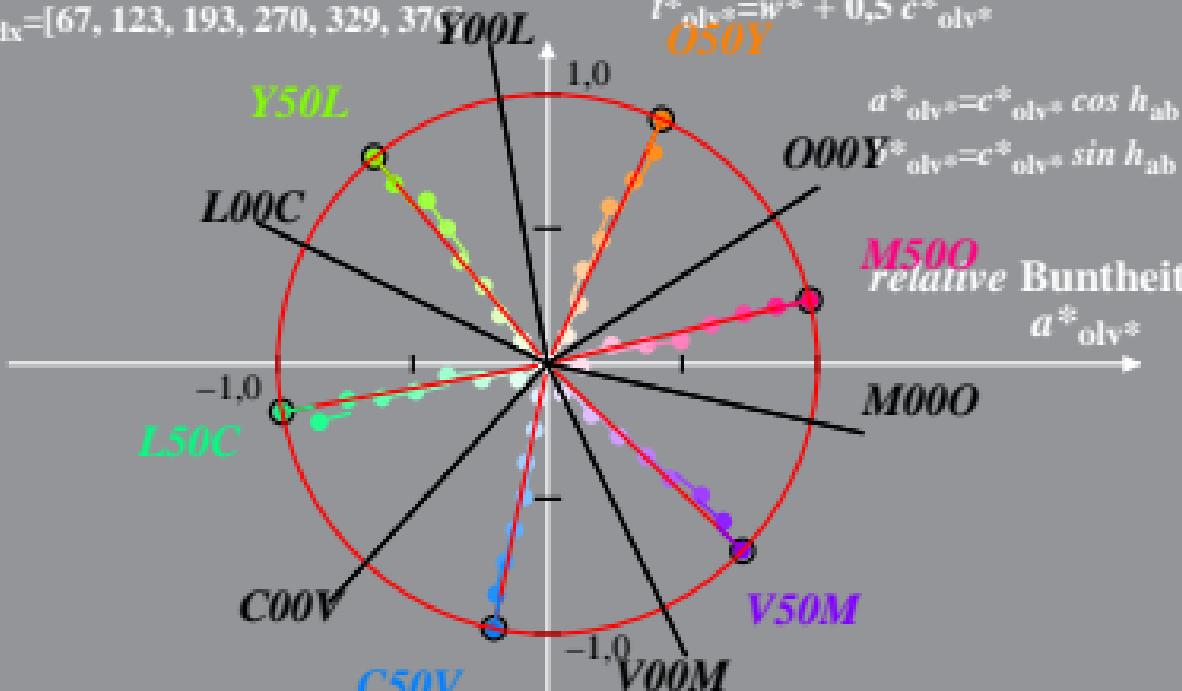
CIELAB-Buntonwinkel:

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,dx} = [67, 123, 193, 270, 329, 370]$$

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$



Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG84_HRS16_96_D65_75%_O0 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

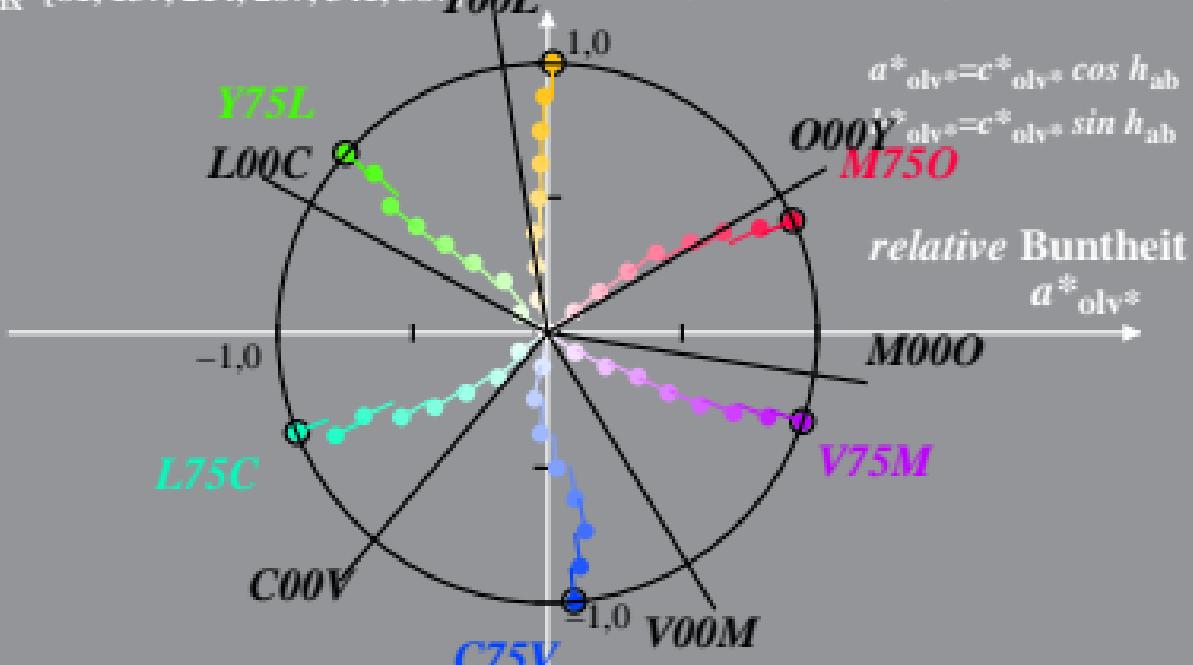
Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$ $n^* = 1 - \max(olv^*) = 1 - i^*$

CIELAB-Buntonwinkel:

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,dx} = [81, 137, 214, 287, 341, 387] \quad Y00L \quad O75Y \quad l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$



Beziehung olv^* und relative Buntheit $c^*_{olv^*}$ oder Buntheit $a^*_{olv^*}, b^*_{olv^*}$

System: GG84_HRS16_96_D65_75%_O1 $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$

Ergebnis: $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$

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CIELAB-Buntonwinkel:

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

$$h_{ab,d} = [33, 100, 154, 227, 295, 347]$$

$$h_{ab,dx} = [81, 137, 214, 287, 341, 387]$$

$$Y00L \quad O75Y_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

