```
Options=[sansmath]
```

The boundedness of Φ_0 then yields

$$\int_D |\overline{\partial} u|^2 e^{\alpha|z|^2} \geq c_6 \alpha \int_D |u|^2 e^{\alpha|z|^2} + c_7 \delta^{-2} \int_A |u|^2 e^{\alpha|z|^2}.$$

Let $B(X)$ be the set of blocks of Λ_X and let $b(X) := |B(X)|$. If $\varphi \in Q_X$ then φ is constant on the blocks of Λ_X.

$$P_X = \{\varphi \in M \mid \Lambda_\varphi = \Lambda_X\}, \qquad Q_X = \{\varphi \in M \mid \Lambda_\varphi \geq \Lambda_X\}. \tag{1}$$

If $\Lambda_\varphi \geq \Lambda_X$ then $\Lambda_\varphi = \Lambda_Y$ for some $Y \geq X$ so that

$$Q_X = \bigcup_{Y \geq X} P_Y.$$

Thus by Möbius inversion

$$P_Y = \sum_{X \geq Y} \mu(Y, X) Q_{\hat{X}}.$$

Thus there is a bijection from Q_X to $W^{B(X)}$. In particular $|Q_X| = w^{b(X)}$.