Addendum to “On Some Spaces of Vector Valued Sequences”

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Professor David Gregory kindly pointed out to me that in the proof of Proposition 5 of [1] I stated without reference or proof that

$$\left(\bigcap_{n=1}^{\infty} \lambda_{\mathbf{h}(n)}^* \right)^* = \bigcup_{n=1}^{\infty} \lambda_{\mathbf{h}(n)}^{**} = \bigcup_{n=1}^{\infty} \lambda_{\mathbf{h}(n)}.$$

Although the statement is far from obvious, it is true. For a justification, see, e. g., Lemma 3 of [2].

References

1. Phuong-Cac, N.: On some spaces of vector valued sequences. Math. Z. **95**, 242–250 (1967).
2. Dubinsky, E.: Perfect Fréchet spaces. Math. Ann. **174**, 186–194 (1967).

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