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Engineering

#### **Research Paper**

# Rate Sequence Space $(S_2)_{\pi}$

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#### ABSTRACT

In this paper, the various properties of the rate sequence space  $(S2)\pi$  are discussed. The terms of the sequences are complex numbers and many results are obtained. Also  $\alpha$ ,  $\beta$  and  $\gamma$  -duals of the space (S2) $\pi$  are found out.

### Keywords : Rate Sequence Space, Space (S2) $\pi$ , Solid Space, $\alpha$ , $\beta$ , $\gamma$ -Duals 2000 -Mathematics Subject Classification: 46A45

1. Introduction

The Rate Sequence Space was studied by Jurimae [3, 4] and others. The space S2 (a non separable Banach space which is solid and monotone) is studied by K. Chandrasekhara Rao [2]. The monotone norm is defined in [6].

#### 2. Preliminaries

Any sequence, whose kth them is (), will be denoted by () or ()

Now we define the following vector Sequence Spaces.

$$c0 = \{ = () : \rightarrow 0 \text{ as } k \rightarrow \infty \}$$
$$c = \{ = () : \rightarrow \ell \} \text{ as } k \rightarrow \infty$$

 $\ell \infty = \{ = () : | | \le M k \} M$  being a positive constant.

Always  $c_0 \subset c \subset l_{\infty}$ . The norm on the Vector Sequence Spaces, c and is given by  $||x||_{\infty} = \sum_{k=1}^{sup} |x_k|$ . The norm on the space l is given by  $||x||_1 = \sum_{k=1}^{\infty} |x_k|$ .

#### 3. Definitions

Let  $\{\pi_k\}$  be a sequence of positive terms,

Definition 1. (S<sub>2</sub>)  $_{\pi}$  is the set of all sequences ( $\chi_k$ ) with ( $\chi_k$ )

 $\epsilon$  C, and  $\frac{|x_k|}{2^k \pi_k} \leq M$ , M > 0 is a constant and X is the set of

complex numbers. The norm of the sequence is  $\|\bullet\|$ .

Definition 2. Let X be a normed space. Then X is said to have monotone norm if  $||x^{(m)}|| \ge ||x^{(n)}||$  for m > n and  $||x|| = sup||x^{(m)}||$ 

Definition 3. A sequence space X is said to be solid if  $\{X_k\} \in X$ and  $|y_k| \leq |x_k|$  for all  $k \Rightarrow \{y_k\} \in X$ 

#### 4. Results

Theorem 1.  $(\ell^{\infty})_{\pi} \subset (S_2)^{\pi}$ , where  $(l_{\infty})_{\pi} = \{x = (x_k): ||x||_{\pi} = \frac{\sup}{k} |\frac{\chi_k}{\pi_k}|| \le \infty\}$ 

Proof. Let  $x \in (l_{\infty})_{\pi}$ 

$$\Rightarrow \sup_{k} \left| \frac{x_{k}}{\pi_{k}} \right| \le M$$
$$\Rightarrow \left| \frac{x_{k}}{\pi_{k}} \right| \le M$$
$$\Rightarrow \left| \frac{x_{k}}{2^{k} \pi_{k}} \right| \le \left| \frac{x_{k}}{\pi_{k}} \right| \le M$$
$$\Rightarrow x \epsilon (S_{2})_{\pi}$$

Hence  $(l_{\infty})_{\pi} \subset (S_2)_{\pi}$ .

Theorem 2.  $(S_2)_{\pi}$  is a normed space. Proof. Let  $||x|| = \sup_{k} \frac{|x_k|}{2^k \pi_k}$ We have  $\frac{|x_k|}{2^k \pi_k} \ge 0 \Leftrightarrow ||x|| \ge 0$  $\operatorname{Also} \frac{|x_k|}{2^k \pi_k} = 0 \Leftrightarrow ||x|| = 0$ 

Hence 
$$||x|| = 0 \Leftrightarrow x = 0$$

Also 
$$\|\alpha x\| = \sup_{k} \frac{|\alpha x_k|}{2^k \pi_k} = |\alpha| \sup_{k} \frac{|x_k|}{2^k \pi_k}$$
$$= |\alpha| \|x\| \text{ where } \alpha \text{ is a scalar}$$

$$= |\alpha| ||x||$$
 where  $\alpha$  is a scalar.

Moreover 
$$||x + y|| = \sup_{k} \{ \frac{|x_k + y_k|}{2^k \pi_k} \}$$
  
 $\leq \sup_{k} \{ \frac{|x_k| + |y_k|}{2^k \pi_k} \}$ 

$$= ||x|| + ||y||$$

Thus  $||x + y|| \le ||x|| + ||y||$ 

Hence ||x|| is the norm of x.

 $\Rightarrow$  (S<sub>2</sub>)<sub> $\pi$ </sub> is a normed space.

Theorem 3. (S<sub>2</sub>)  $_{\pi}$  is a Banach space.

Proof. Let  $\{x^{(n)}\}_{n=1}^{\infty}$  be a Cauchy sequence in  $(S_2)_{\pi}$ .

Where  $x^{(n)} = (x_1^{(n)}, x_2^{(n)}, ...) \forall n$ In other words,  $x^{(1)} = (x_1^{(1)}, x_2^{(1)}, ...)$  $x^{(2)} = (x_1^{(2)}, x_2^{(2)}, \dots)$  $\Rightarrow ||x^{(n)} - x^{(m)}|| \le \in \forall n, \ m \ge n_0$  $\Rightarrow {x_k^{(n)}}_{n=1}^{\infty}$  is a Cauchy sequence in C But C is complete. Hence  $x_k \xrightarrow{(n)} \to x_k$  as  $n \to \infty$ Take  $x = \{\frac{x_k}{2^k \pi_k}\}$ Then  $x \in (S_2)_{\pi}$  and  $x^{(n)} \to x$  in  $(S_2)_{\pi}$  $in(S_2)_{\pi}$ Therefore  $(S_2)_{\pi}$  is complete. Theorem 4.  $(S_2)_{\pi}$  is not separable. Proof. Let D be any dense subset of  $(l_{\infty})_{\pi}$ Let A be the set of all these sequences whose terms are 0 or 1. Then A is an uncountable subset of  $(l_{\infty})_{\pi}$ Define a surjection  $f : A \rightarrow D$  by  $f(x) = z_x \forall x = (x_1, x_2, \dots, x_n, \dots) \in \mathbf{A}$ with  $||x - z_x|| < \frac{1}{2}$ Let , x, y  $\in$  A with x  $\neq$  y But then  $||x - y|| = \frac{\sup}{k} |\frac{x_k}{2^k \pi_k} - \frac{y_k}{2^k \pi_k}| = 1$ Now  $||x - y|| \le ||x - z_x|| + ||z_x - y||$ and so  $||y - z_x|| \ge ||x - y|| - ||x - z_x||$  $\geq 1 - \frac{1}{2} = \frac{1}{2}$ But  $f(y) = z_y$  with  $||y - z_y|| < \frac{1}{2}$ . Hence  $z_x \neq z_y$  or equivalently  $f(x) \neq f(y)$ . Thus f is a bijection. Since A is uncountable it follows that f (A) = D is uncountable Consequently  $(S_2)_{\pi}$  cannot be separable. Theorem 5.  $(S_2)_{\pi}$  is solid.

Proof 
$$(S_2)_{\pi} = \{(x_k) : \frac{|x_k|}{2^k \pi_k} \le M \text{ for some } M > 0\}$$
  
REFERENCES

Suppose that  $(x_k) \in (S_2)_{\pi}$ Let  $|u_k| \leq |x_k| \forall k$ Hence  $\frac{|u_k|}{2^k \pi_k} \leq \frac{|x_k|}{2^k \pi_k} \forall k$ But  $(x_k) \in (S_2)_{\pi}$  $\Rightarrow \frac{|x_k|}{2^k \pi_k} \le M \text{ for some } M > 0$ Hence  $\frac{|u_k|}{2^k \pi_k} \le \frac{|x_k|}{2^k \pi_k} \le M$  $\Rightarrow \frac{|u_k|}{2^k \pi_k} \le M$  $\Rightarrow \{u_k\} \in (S_2)_{t}$ Therefore  $(S_2)_{\pi}$  is solid. Theorem 6.  $(S_2)_{\pi}$  has monotone norm. Proof. Let m > n, consider the sequence  $x^{(n)} = (x_1, x_2, \ldots, x_n, 0, 0, \ldots)$ But then  $x^{(m)} = (x_1, x_2, \dots, x_m, 0, 0, \dots)$ Hence  $|x^{(m)}|| = \sup \{\frac{|x_1|}{2^1 \pi_1}, \frac{|x_2|}{2^2 \pi_2}, \dots, \frac{|x_m|}{2^m \pi_m}, 0, 0, \dots\}$ Obviously, for m > n, we have  $|x^{(m)}|| \ge ||x^{(n)}||$  $\lim_{n \to \infty} \|x^{(n)}\| = \|x\|$  $\Rightarrow \sup_{k} \|x^{(n)}\| = \|x\|$ Therefore  $(S_2)_{\pi}$  has monotone norm. Notation The  $\alpha, \beta, \gamma$  duals of  $(S_2)_{\pi}$  are denoted by  $(S_2)_{\pi}^{\alpha}$ ,  $(S_2)_{\pi}^{\beta}$ ,  $(S_2)_{\pi}^{\gamma}$ respectively. Theorem 7.  $(S_2)^{\alpha}_{\pi} = (S_2)^{\beta}_{\pi} = (S_2)^{\gamma}_{\pi} = (T_2)_{\underline{1}}$  where  $(T_2)_{\underline{1}} = \{y_k : \sum_{k=1}^{\infty} 2^k |\pi_k y_k| < \infty\}$ Proof. Since  $(S_2)_{\pi}$  solid,  $\alpha$ ,  $\beta$ ,  $\gamma$  duals are equal. We shall show that  $(S_2)^{\beta}_{\pi} = (T_2)_{\underline{1}}$ Let  $y = (y_k) \in (T_2)_1$  $\left|\sum_{k=1}^{\infty} x_k y_k\right| \le \sum_{k=1}^{\infty} |x_k| |y_k|$  $=\sum_{k=1}^{\infty} \frac{|x_k|}{2^k \pi_k} 2^k |\pi_k y_k|$  $\leq \|x\| \sum_{k=1}^{\infty} 2^k |\pi_k y_k| \leq \text{because } \|x\| = \frac{\sup_k \frac{|x_k|}{2^k \pi_k}}{2^k \pi_k}$ Hence  $y \in (S_2)^{\beta}_{\pi}$ Therefore  $(T_2)_{\frac{1}{\pi}} \subset (S_2)_{\pi}^{\beta}$  Similarly  $(S_2)_{\pi}^{\beta} \subset (T_2)_{\frac{1}{\pi}}$ and  $\beta$  – dual of  $(S_2)_{\pi}$  is  $(T_2)_{\underline{1}}$ Thus  $(S_2)^{\alpha}_{\pi} = (S_2)^{\beta}_{\pi} = (S_2)^{\gamma}_{\pi} = (T_2)_{\underline{1}}$ 

[1] K. Chandrasekhara Rao, Functional Analysis, Alpha Science, Oxford 20 06. [2] K.Chandrasekhara Rao and K. Balasubramanian, Vector Sequence Space S2, World Academy of Science, Engineering and Technology, 67, 2010. [3] Jurimae, Matrix mapping between rate spaces and spaces with speed, Acta Et Commentationes Universitatis Tartuenjis, 970 (1994), 53 – 64. [5] S. Tamilselvan, K. Variamanickam and K. Chandrasekhara Rao, Monotone Norms and Rate Spaces. *Int. Journal of Math. Analysis*, Vol. 5, 2011, no. 14, 661 – 665. [6] A. Wilansky, Summability through Functional Analysis, North -Holland, Amsterdam, 1984.



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