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(54) Title: COMMUNICATION METHOD AND APPARATUS

(54) 发明名称: 一种通信方法及装置

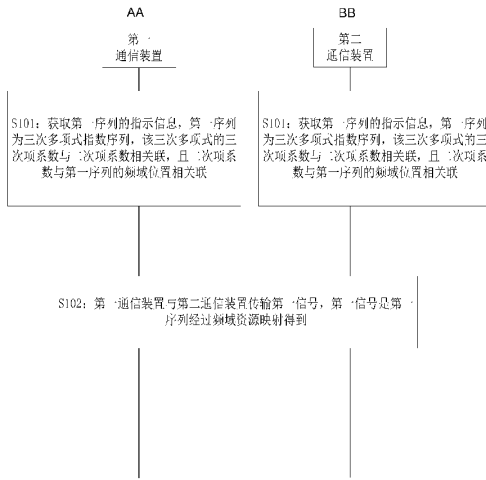


图 3

S101 Acquire indication information of a first sequence, wherein the first sequence is a cubic polynomial exponential sequence, a cubic term coefficient of the cubic polynomial is associated with a quadratic term coefficient of the cubic polynomial, and the quadratic term coefficient is associated with the frequency domain position of the first sequence

S102 The first communication apparatus transmits a first signal with the second communication apparatus, wherein the first signal is obtained by the first sequence having undergone frequency domain resource mapping

AA First communication apparatus

BB Second communication apparatus

(57) Abstract: A communication method and apparatus, for use in reducing interference between non-orthogonal demodulation reference signal ports and improving transmission performance. The method may comprise the following steps: a first communication apparatus acquires indication information of a first sequence, wherein the first sequence is a cubic polynomial exponential sequence, a cubic term coefficient of the cubic polynomial is associated with a quadratic term coefficient of the cubic polynomial, and the quadratic term coefficient of the cubic polynomial is associated with the frequency domain position of the first sequence; and the first communication apparatus may also transmit a first signal, wherein the first signal is obtained by the first sequence having undergone frequency domain resource mapping.

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MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW。

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本国际公布：
— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 一种通信方法及装置，用以降低非正交解调参考信号端口之间的干扰，提高传输性能。该方法可包括以下步骤：第一通信装置获取第一序列的指示信息，所述第一序列为三次多项式指数序列，所述三次多项式的三次项系数与所述三次多项式的二次项系数相关联，所述三次多项式的二次项系数与所述第一序列的频域位置相关联；第一通信装置还可传输第一信号，所述第一信号是所述第一序列经过频域资源映射得到的。