## Research Report (April, 2017 - March, 2018)

	Department of Pure and Applied Mathematics	Ryosuke ODOI
List of Papers		
None		
II. List of Talks		
None		
III. Research Results in AY2017		
I calculated the local expression of a symplectic form on the monodromy manifold of a linear		
ordinary differential equation related to the sine-Gordon equation in Its-Lisovyy-Tykhyy (2015)		
with respect to parameters of the monodromy data in Its-Prokhorov (2016).		
I studied a relation between symplectic forms induced by the asymptotic data and the		
holomorphic data of a tt*-Toda equation in the sense of Guest-Its-Lin (arXiv:1707.00259).		
IV. Research Plan for AY2018		
I study a relation between the above symplectic forms and the symplectic form induced by the		
Stokes data of a tt*-Toda equation in the sense of Guest-Its-Lin (arXiv:1707.00259), and I would		
like to clarify a geometric meaning of these symplectic forms.		
Also, I study a relation between the above symplectic forms and the symplectic form on the		
space of Stokes matrices given by Boalch (1999).		
	List of Talks None Research Results in I calculated the loca ordinary differential with respect to parar I studied a relation holomorphic data of Research Plan for A I study a relation be Stokes data of a tt*-1 like to clarify a geom Also, I study a relat	List of Papers None List of Talks None Research Results in AY2017 I calculated the local expression of a symplectic form on the monodrom ordinary differential equation related to the sine-Gordon equation in Its- with respect to parameters of the monodromy data in Its-Prokhorov (202 I studied a relation between symplectic forms induced by the asy holomorphic data of a tt*-Toda equation in the sense of Guest-Its-Lin (ar Research Plan for AY2018 I study a relation between the above symplectic forms and the symplect Stokes data of a tt*-Toda equation in the sense of Guest-Its-Lin (arXiv:170 like to clarify a geometric meaning of these symplectic forms. Also, I study a relation between the above symplectic forms and the symplect